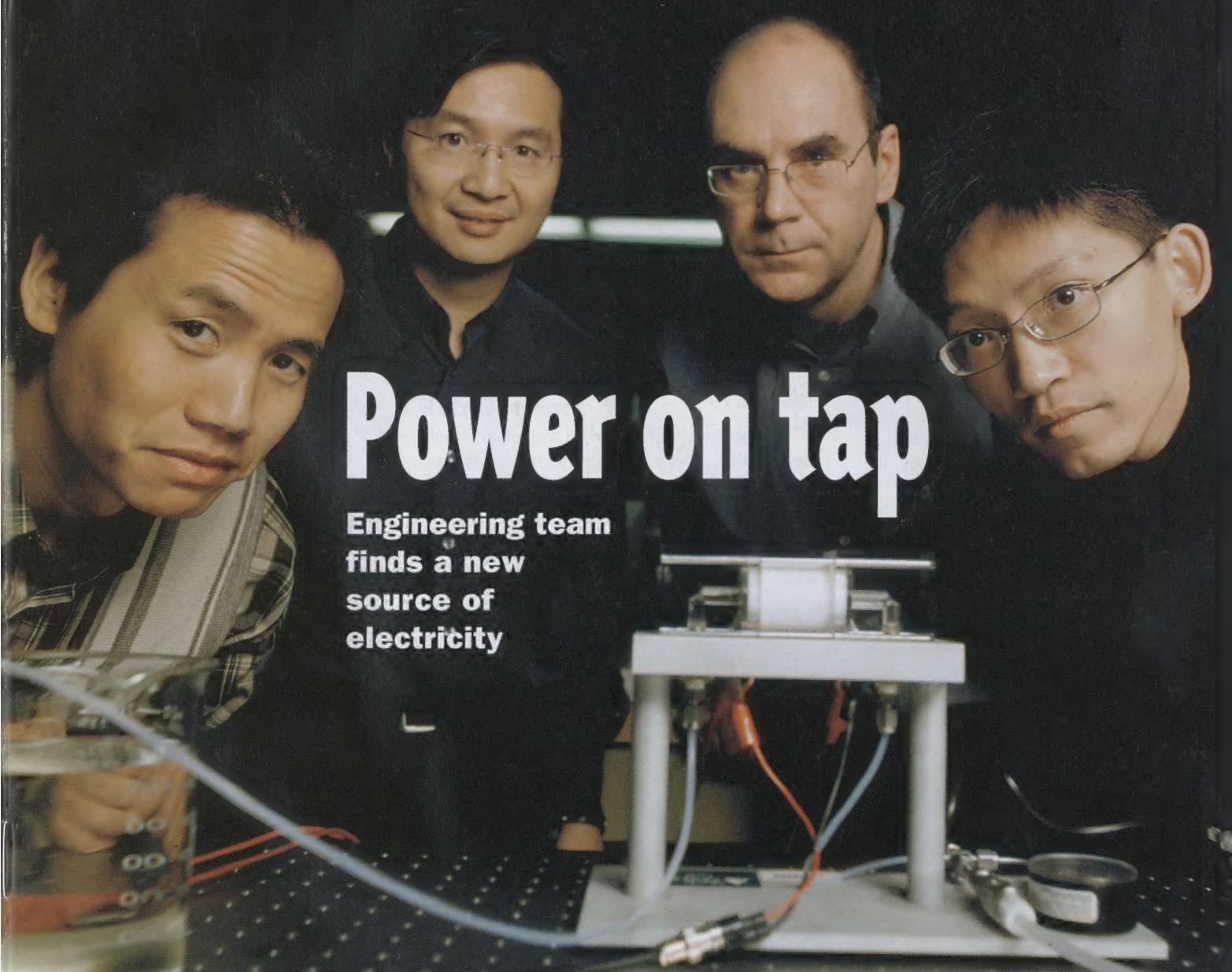


Winter 2003/2004

# new trail

The University of Alberta Alumni Magazine

A photograph of four men, likely engineers, in a laboratory setting. They are gathered around a breadboard with electronic components and wires. The man on the far left is looking at the camera, while the others are looking at the device. The background is dark and out of focus.

## Power on tap

**Engineering team  
finds a new  
source of  
electricity**

**French village honours U of A  
student who became WWI hero**  
***Maclean's* rankings**  
**1933 grad remembers his  
alma mater**





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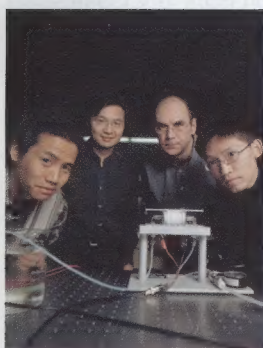
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## features



cover image: Fuzhi Lu, Daniel Kwok, Larry Kostiuk, and Jun Yang with their revolutionary battery. (Richard Siemens/U of A Creative Services)

### 14 Power on tap

A mechanical engineering team from the U of A shocked the world when it announced it had discovered an entirely new way to generate an electrical current.

### 20 A deed of epic proportions

Cagnicourt renames its village square after the former U of A student who almost single-handedly recaptured it from German forces 85 years ago.

### 24 The Maclean's university rankings

Different provincial high school standards make national comparisons difficult.

### 26 Bob Comfort

He never forgot how his dean's vote of confidence saved his career.

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## BASECAMP



When Daniel Kwok, Larry Kostiuk, and their team from the Department of Mechanical Engineering

published the findings of their research into a generating electricity with pressurized water, there was an immediate furor in the scientific press.

Was it really the first discovery in 160 years of an entirely new way to generate electricity?

Is there any way for a process that generates such small currents to have real applications?

The answer to the first question seems to be both yes and no. A 1964 paper that came to light after Kwok and Kostiuk published their results shows that they were not the first people to think of using what is called the electrokinetic effect to generate an electrical current, but it still seems that the U of A team is the first to actually demonstrate a working device.

The answer to the second question is that we don't know yet. Michael Faraday's discovery of electromagnetic induction in 1831 led to nearly immediate practical applications, but the forerunners of the photovoltaic cell and the modern fuel cell were both discovered in 1839, more than 100 years before they were developed into practical electrical sources.

The work started at the U of A by Kostiuk and Kwok will undoubtedly spark similar research around the world. We will just have to be patient to see where it leads.

Roland Lines  
Editor, New Trail



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Office of Alumni Affairs  
University of Alberta

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# new trail

Winter 2003-2004

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Check out [www.ualberta.ca/alumni](http://www.ualberta.ca/alumni) where you can join the Alumni Association's online community.

**New Trail** is the University of Alberta Alumni Association magazine. It is published four times a year. The views and opinions expressed in this magazine are those of the authors and do not necessarily represent the views of the University or the Alumni Association. Contributions for the Spring 2003 issue should reach the editor by 23 January 2004.

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Nicholas Wickenden ♦ U of A History & Classics

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### *Incorruptible Icon or Unscrupulous Demagogue*

Frances Pownall ♦ U of A History & Classics

7:30 pm, Thursday, 12 February

Tory Breezeway TBW-2, U of A Campus

### *The Garamants of the Sahara:*

### *The Archaeology of Libyan Oasis Dwellers*

David Mattingly ♦ Classics, University of Calgary

7 pm, Thursday 25 March

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## Kappa Alpha Theta, 1952 graduates

Back row: Joyce Tomie, '52 BSc, '70 BLS; Joan McCalmont (Wheeler), '52 BA; Shirley Gifford (Smith), '52 BSc(HEC); Dorothy Lomas (Livingstone), '52 BSc(HEC); Pat Mackay (O'Hara), '52 BA; Irma Kerr (Stanley), '52 BA; Marilyn Sangster (Day), '52 BSc(HEC).

Front row: Jane Beverley (McNiven), '52 BA; June Ferguson (Richards), '52 BA, '53 BEd, '53 Dip(Ed), '65 MEd; Flo Fryett (Boyer), '52 BA, '53 BEd.



## LETTERS TO THE EDITOR

### Old friends and campus memories

I just received and read, with pleasure, the Autumn 2003 *New Trail* alumni magazine. I'm wondering if you could insert this short letter in the next issue. I sure hope I can "touch base" with some old friends and classmates.

I was a student at the U of A in the '60s and a short-term

student in '73. On later trips to Edmonton, I would usually take a drive through the campus. I was awed by the growth since my days there as a student. I remembered, with pleasure, the friends I made and the really great experiences we shared.

I would like to thank one friend, in particular, for encouraging me to go back

to school and to consider a career in teaching. I did it, and it was a wonderful career. Thank you, Carol Anthony, wherever you are!

I am now retired and am really enjoying my free time—much of it on the golf courses and ski hills in Vernon, B.C.

*Jim Knopp, '67 BEd, '73 Dip(Ed) Vernon, B.C.*

29 September 2003

### Inspirational professors

I want to thank you and your staff for the latest *New Trail*. It brought back fond memories of two of my teachers: Dr. Billy Rowan (zoology) and Dr. Walter Harris (chemistry).

Dr. Rowan was my mentor during the development of my MSc thesis, a requirement in 1951. Dr. Harris was an inspiration in the field of organic chemistry and prepared the groundwork for other chemistry and biochemistry sessions.

I graduated with a BSc in 1949 and an MSc in 1951 and finally an MD in 1958, all from the U of A. It seems that just yesterday I got my BSc. I practiced medicine as a rural and urban doctor for almost 40 years.



Rowan

*Sterling Haynes, '49 BSc, '51 MSc, '58 MD Westbank, B.C.*  
21 September 2003

**Correction:** Many *New Trail* readers alerted us to the fact that the soldiers' uniforms in the photograph on page 17 of last issue (Autumn 2003) are from the First World War era, not the Second World War. Upon further investigation, we identified the soldiers as the 1916 University of Alberta contingent of the Canadian Officers' Training Corps.



Lemieux

### A brilliant scientist

Reading about Ray Lemieux under "History Trails" in the Autumn 2003 issue of *New Trail* reminded me of the considerable impact that this kind and gentle man had on my career and on me. Naturally, while I attended the good-humoured Prof. Lemieux's graduate chemistry of carbohydrates class he delighted in the jokes that freely flowed from my family name. Yes indeed, Ray Lemieux had become my role model as this brilliant scientist worked in the laboratory side by side with students such as me. Ray's humility and affection combined with his scientific brilliance in defining his greatness.

*Frederick Sweet, '68 PhD St. Louis, Missouri*  
9 October 2003

We would like to hear your comments about the magazine. Send us your letters via mail or e-mail message to the address on the previous page. The letters may be edited for length or clarity.

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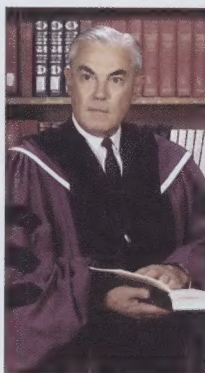
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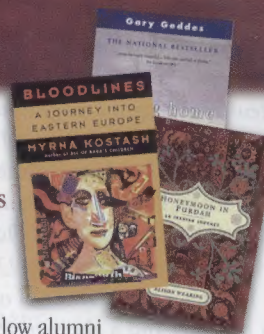
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## landmarks

■ The McCalla Professorships, named after the first U of A dean of graduate studies, release professors from teaching duties for a nine-month period to give them an opportunity to further their research and scholarly activities. This year's recipients were announced in November: Janusz Zwiazek (Renewable Resources), Susan Hamilton (English), Claudine Potvin (Modern Languages & Cultural Studies), Andy Knight (Political Science), **Jan Jagodzinski**, '73 BEd, '77 MEd, '80 PhD (Secondary Education), Jingli Luo (Chemical and Materials Engineering), Horacio Marquez (Electrical and Computer Engineering), **Paul Man**, '69 BSc, '70 MD (Medicine), Jane Drummond (Nursing), **Linda Reutter**, '67 Dip(Nu), '68 BSc(Nu), '73 BA, '91 PhD (Nursing), Marc De Montigny (Faculté Saint-Jean), **Gordon J. Bell**, '89 PhD (Physical Education and Recreation), **Stan Boutin**, '77 BSc (Biological Sciences), Pawel Gburzynski (Computing Science), Jeffrey M. Stryker (Chemistry).

■ Four U of A educators earned national honours this fall: **Jeanette Boman**, '71 BSc(Nu), '82 MA, '96 PhD, of the Faculty of Nursing won a teaching award from the Canadian Association of Schools of Nursing; **Dylan Taylor**, '79 BMed, '81 MD, of the Division of Cardiology won a teaching award from the Canadian Cardiovascular Society; **Andy Liu**, '72 MSc, '76 PhD, of the Department of Mathematical and Statistical Sciences won the Deborah and Franklin Tepper Haimo Award from the Mathematical Association of America and the Adrien Pouliot Award from the Canadian Mathematical Society; and **Heather Proctor**, '86 BSc, of the Department of Biological Sciences won the C. Gordon Hewitt Award from the Entomological Society of Canada.



**Gordon J. Bell**



**Linda Reutter**

■ In another Canadian medical first—Edmonton Protocol pioneers **James Shapiro**, '01 PhD, and **Jonathon Lakey**, '86 BSc, '90 MSc, '96 PhD, directed a pancreas removal-islet cell transplantation surgery on a child in September. Fourteen-year-old Amada Marr-Crouse had been suffering from genetic pancreatitis, the only current treatment for which is removal of the pancreas. After Shapiro removed her pancreas, Lakey culled insulin-producing islet cells from it and transplanted them into her liver, which should prevent her from developing diabetes.

■ During the fall convocation ceremonies on 20–21 November, the University awarded honorary Doctor of Laws degrees to Calgary educator, rancher, and community leader Margaret (Marmie) Hess, and to Linda Hughes, the publisher of the *Edmonton Journal* and Alberta region general manager for CanWest Canadian Media.

■ A report ranking Canadian research universities has put the U of A among the national leaders. Released by a Canadian research and development consulting firm, Research Infosource, the report ranks the U of A fourth in overall research income, fourth in research intensity (research income received per full-time faculty position), and third in a new category that measures a university's publishing output against its research income.

■ After 40 years of research and mentorship, polar scientist Ian Stirling, adjunct professor in the Department of Biological Sciences and a scientist for Environment Canada, received the Northern Science Award, a lifetime achievement honour, from Canadian Minister of Indian and Northern Affairs Robert Nault in October.

■ Five more Canada Research Chairs were announced for the U of A in October: Robert Burrell (Nanostructured Biomaterials), Gerald Haubl (Behavioural Science and Electronic Commerce), Fangliang He (Biodiversity and Landscape Modelling), Linda Pilarski (Biomedical Nanotechnology), and Andrew Waskiewicz (Genetics of Vertebrate Development).

■ With a \$1 million grant from the Canada Foundation for Innovation announced in November, Xiaodai Dong and her team in electrical and computer engineering will explore the new frontier of "ultra-wideband" wireless communications to find new ways of transmitting large amounts of electronic information.

■ The Canadian Institutes of Health Research awarded the U of A two of the 23 multi-disciplinary research grants it announced in October. Oncologist Linda Pilarski and her team—**Chris Backhouse**, '85 BSc, of electrical and computer engineering and Moira Glerum of medical genetics—received \$1.5 million for their work on a handheld device that could revolutionize cancer diagnosis and monitoring. Nicholas Coupland of the Department of Psychiatry with **Kathy Hegadoren**, '87 BSc(Nu), '91 MSc, '95 PhD, of nursing and Brian Rowe of emergency medicine received \$1 million for their research investigating people's vulnerability to post-traumatic stress disorder.

■ In what President Rod Fraser calls "a tremendous coup," Richard Sutton, a world leader in machine learning, has joined the U of A. Coming from private industry and the U of Massachusetts in Amherst, Sutton has been appointed as the Alberta Informatics Circle of Research Excellence (iCORE) Chair in Reinforcement Learning in the Department of Computing Science.



**Margaret-Ann Armour**

■ Chemistry professor **Margaret-Ann Armour**, '70 PhD, received a 2004 American Chemical Society Award in September for her work encouraging women into careers in the chemical sciences. Armour is a founding

member of Women in Scholarship, Engineering, Science, and Technology (WISEST).

■ This fall's U of A Martha Cook Piper Research Prize winners are Rik Tykwinski (Chemistry) and Andrew Gow (History and Classics). Tykwinski's work synthesizing molecules that interact with light has applications in optical computing; Gow's research focuses on the roots of anti-Semitism and Christian misconceptions of Judaism. The awards, named after former U of A vice president (research) Martha Piper, recognize outstanding young researchers whose work has had an impact in their field of study.

■ Entomologist John Spence, chair of the University's Department of Renewable Resources, received the Canadian Forestry Scientific Achievement Award from the Canadian Institute of Forestry in Quebec City in September. The award recognizes his achievements in forestry research through studies of the way natural disturbances, such as forest fires, affect insects, and how insects affect the natural environment.

■ Witold Krzymien, a professor of electrical and computer engineering, has been named the first holder of the Rohit Sharma Professorship in Communications and Signal Processing. Krzymien's research is focused on wideband, wireless access to the Internet for mobile users. **Rohit Sharma**, '91 MEng, '96 PhD, established the chair with a \$1.075 million endowment. (Sharma was one of the founders of communications startup ONI Systems Corporation, which merged with CIENA Corporation in 2002 in a US\$900 million transaction.)





## bear country

### Kostash revels in residence

Writer feels "like a princess" these days

**Myrna Kostash**, '65 BA, a celebrated Alberta author, is having a blast as the U of A English department's new writer-in-residence. Long accustomed to creative solitude, joining a community of like-minded people is an experience of which Kostash is taking full advantage.

"It's a wonderful gig," she says, hardly able to contain herself. "There are very few perks that Canadian writers get, but thank God for the University of Alberta and Canada Council, that they haven't dropped the writer-in-residence program. For one year out of your wretched life as a scribbler, you get this lovely chance to make some money and be surrounded by people at work."

Since September, Kostash has been invited to speak to a number of classes

in the English department, some of them actually studying her work as part of a course. To have her particular brand of writing taken seriously (dubbed "creative non-fiction" for want of a more accommodating term), is heartening, she says.

Kostash is perhaps best known for *All of Baba's Children* (1978), *No Kidding: Inside the World of Teenage Girls* (1987), and *Bloodlines: A Journey into Eastern Europe* (1993).

"There's a great deal of interest in non-fiction now," she says. "It really boggles the mind, because non-fiction has been (traditionally) very marginalized in the literary establishment. Now there are people teaching memoir, autobiography, Canadian non-fiction, and women's non-fiction."



Kostash is currently hard at work on two projects: an anthology of texts about the North Saskatchewan River and a creative, non-fiction exploration of the life and influence of the Byzantine saint Demetrius.

The rest of her time is spent nurturing fledgling writers. For this year at least, Kostash's mission is to help non-fiction writers take their kick at the can.

"This is their chance to get the same kind of tender love and care that people writing poetry and fiction get," she says.

— Geoff McMaster

### Donation creates second Ukrainian studies chair

Smiles were everywhere at the University of Alberta Telus Centre in August as U of A officials and friends celebrated the creation of the Kule Chair in Ukrainian Ethnography.

The donation by Peter and Doris Kule, who have a long history of philanthropic activity, especially in support of Ukrainian studies, will serve as the foundation for the \$3 million chair's endowment.

"We are not scholars," Peter Kule said in his speech, "but we know it is better to give than to receive, and it feels wonderful to support something that will continue to give to students of Ukrainian studies for many years."

Daniel Woolf, dean of the Faculty of Arts, praised the Kules as visionaries. "This donation will touch the lives of many professors and students for many years to come," he said, "and it will help the U of A advance further in a field in which it is already recognized as a world leader."

The U of A is home to the Canadian Centre for Ukrainian Culture and Ethnography, which already manages the Kuryliw Family Scholarship Fund, the Bohdan Medwidsky Ukrainian Folklore Archives, and the Huculak Chair of Ukrainian Culture and Ethnography. The centre will now oversee the Kule chair, as well.

— Ryan Smith

### University Cup

Tony Lau, chair of the University of Alberta Department of Mathematical and Statistical Sciences and winner of this year's prestigious University Cup Award, has achieved international renown as a researcher and teacher, but it's unlikely he considers himself great.

"He's a remarkable person—he's very modest," says Parasar Mohanty, a post-doctoral student who travelled to the U of A from India to study with Lau.

Lau is internationally recognized for his mathematics research in the field of abstract harmonic analysis.

"I think he is regarded as the father of this field," said Monica Ilie, a post-doctoral student from Romania who studies with Lau.

The odds seemed stacked against Lau in the beginning. Born into a family of few means in Hong Kong, Lau was part of a small group of students who impressed their teacher so much that she found families in the United States who would take



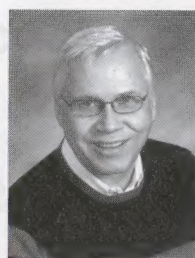
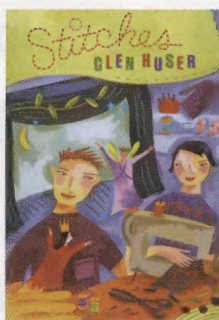
## U of A alumni win country's top literary awards

An instructor of elementary education and a graduate of the University's playwriting program have won Governor General's Literary Awards—Canada's top literary honour.

Glen Huser, '70 BEd, '89 MA, who teaches a Faculty of Education course on using creative writing in the classroom, won in the category of children's literature for his young adult novel *Stitches*.

"With subtle yet confident strokes and an off-beat sense of humour, Huser's story makes it impossible not to care," said the jury.

Huser, a former instructor of library and information studies at the U of A, said he felt overwhelmed by the pomp and circumstance of the ceremony, which was held on 12 November.



Ken Chow

Huser and the cover of *Stitches*.

"Walking around on cloud nine is pretty substantial," he said.

His novel tells the story of a teenage boy in junior high school who is "different from the herd" and likes to make puppets and put on puppet plays. "His best friend is a handicapped girl, not the typical friend for a 14-year-old boy, so the story deals with those differences," said Huser.

Vern Thiessen, '92 MFA, took the drama award for his play *Einstein's Gift*, produced to critical acclaim at the Citadel Theatre in Edmonton earlier this year. You can read more about Thiessen on page 39.

—Geoff McMaster

## \$7.5 M gift for Central European studies

With the second-largest donation in University of Alberta history, the University's renowned centre for Central European studies was reborn under a new name on 29 October.



Alfred Wirth

The Wirth Institute for Austrian and Central European Studies has received \$7.5 million from Austrian-born philanthropist and businessman Alfred Wirth. Combined with a previous gift from his father, Manfred, a \$10 million endowment has been established to support the centre's scholarly and cultural activities.

"This is not only an exceptional philanthropic gift, but also a transformational gift, and it allows us to target the dreams we have had for the centre for some time now," said U of A President Rod Fraser.

Those dreams include supporting doctoral fellowships for Canadian and Central European students, holding more events like the Carl Czerny Music Festival of 2002, and continuing a long-term partnership with the Central European University of Budapest. The mandate of the institute is to raise the profile of Central Europe and Central European studies in Canada, and to create a scholarly network with other international universities, says director **Franz Szabo**, '70 MA, '76 PhD.

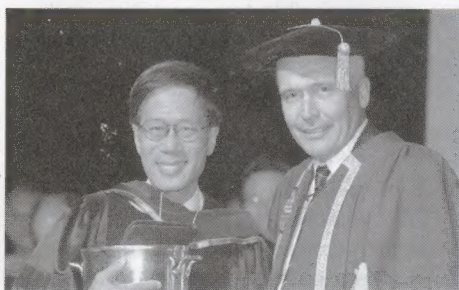
"It's a privilege to be able to support something you believe in," Wirth said. "It's tremendously satisfying to give a gift that you think you've got right and is appreciated."

Born in Vienna in 1941, Wirth moved to Canada with his family in 1952. He received a degree in political science and economics from McGill University and went on to a career in Canada's financial sector. Since 1991 he has been president and director of Wirth Associates in Toronto.

—Geoff McMaster

## Winner beats the odds

Richard Siemens/U of A Creative Services



Tony Lau with President Rod Fraser

the boys in so they could continue their education there.

"That was probably the best fortune I ever had," Lau says. "After I finished Grade 11, [my teacher] made arrangements for me to go to the U.S., to San Jose City College."

After a 19-day ocean voyage in 1961, Lau's former teacher met him in San Francisco and drove him south to San Jose, where he worked 15 hours a week

as a houseboy to a middle-class family with seven children in exchange for room and board. He took on odd jobs to pay for his education.

Lau eventually earned his BSc at the University of California–Berkeley and his PhD at the University of British Columbia.

"At UBC, I was given the chance to teach right from my first year. I really like it," says Lau, who still teaches first-year math even while serving as department chair.

"First-year students are so innocent, so eager to learn," he says.

The University Cup is the U of A's highest honour, recognizing a senior professor who combines outstanding teaching and research. Lau is a previous recipient of the Rutherford Award for excellence in undergraduate teaching, among his many professional accolades.

—Richard Cairney





## bear country

### Pandas rugby remains supreme

The University of Alberta Pandas rugby team persevered through frigid weather and a determined team from the University of Lethbridge on 2 November to win their fifth straight national title. The Pandas have won the title every year since the Canadian Interuniversity Sports (CIS) organization founded a women's rugby league in 1999.

The Pandas defeated their division rivals 20–3 in front of more than 500 fans, who braved –10° C and blowing snow in the Edmonton suburb of Sherwood Park to cheer on the Pandas. The Pandas completed the year with a 12–0 record. The team is now 41–1–1 in its five-year history.

Helen Wright, '94 BA, who has coached the Pandas to each of their five CIS titles, said the victory this

year was both harder and sweeter than in past years.

"We had about four players graduate from last year's team who were big contributors and team leaders, so it was a challenge to fill those positions. ... And every year the other teams are more and more determined to knock us off," Wright said.

Adriana Footz, a third-year student in the Faculty of Agriculture, Forestry, and Home Economics, said that each national title adds to the pressure to win again the next year.

"Lethbridge didn't really have anything to lose [in the final game], but we definitely felt [the pressure]—so far we've handled it well," said Footz, who was named player of the game in the final game.



Pandas in action against Lethbridge

The week before the final, Katie Murray, a fourth-year engineering student, was named CIS player of the year. Murray, Footz, and fellow Pandas Natalie Mailman and Denise Breeuwsma all made the final tournament all-star team.

— Ryan Smith

### Students start car pool for all campus commuters

Joseph Henke and Geneva Rae want people on campus to get in the pool—the University of Alberta car pool.

Henke and Rae are founders and supporters of the U of A Car Pool Registry <http://carpool.su.ualberta.ca/index.php>, a new initiative developed this fall to decrease traffic and parking problems, improve our environment, and save students and staff money. The registry is run by the Students' Union Information Services office and is available to anyone who commutes to the U of A and area.

"We had a car pool registry a few years ago, but it wasn't funded very well and never made it online before it died," says Henke, associate director (information) of information services. "This past summer ECOS [the U of A Environment Co-ordination Office of Students] did a sustainability study and drummed up enthusiasm for the car pool idea again. We looked in our budget and saw we had money for it, so now we have it."

"We surveyed students and found out the two top environmen-

tal concerns on campus are accessible transportation and recycling, so the car pool idea is a way to address the first environmental concern that students have," says Rae, director of ECOS.

Henke says the registry is simple to use. People can sign up and specify whether they are looking for a ride or looking for passengers. The city is divided into zones based on the main roads to campus, and registrants from the same zones can contact each other to set up their own pools. The U of A's Information Services does not screen registrants, so users are cautioned to take appropriate steps when setting up the pools.

"It's a good idea to ask a few questions, such as asking what the other person does at the U of A," Henke says. "But when things work out well, it can be a great way to meet people and feel a part of the community, as well as save money and do something good for the environment."

— Ryan Smith



Joseph Henke and Geneva Rae



## Grad student stacks up scholarships

Ask electrical and computer engineering graduate student **Kenneth Chau**, '03 BSc(Eng), what he likes most about studying at the University of Alberta and his answer is rather unexpected.

"Home cooking," he says with a laugh. This outstanding student ranks his family's support as one of the main reasons for staying in Edmonton while he plots his career path to what almost certainly will take him into the top echelons of international researchers.

In a testament to his academic prowess, Chau has been awarded four graduate scholarships this year, worth a total of more than \$50,000. The awards are a Julie Payette Natural Sciences and Engineering Research Council Scholarship, a Walter Johns U of A Scholarship, a Ralph Steinhauer Alberta Heritage



**Kenneth Chau**

Fund Scholarship, and an Alberta Ingenuity Award.

"It was hard work putting in the applications, but worth it," he says. "I don't think you need exceptional talent to achieve exceptional goals," he adds. "You just need to be very passionate about what you are doing, surround yourself with good people, and don't run someone else's race."

Chau has been working in the laboratory of Abdul

Elezzabi in the Department of Electrical and Computer Engineering in the very specialized and constantly evolving field of ultrafast photonics. In simple terms, Chau's work involves finding out what happens to light when it interacts with materials on a time scale that is too short for most people to comprehend.

Chau remembers his first day as an undergraduate student as being a daunting experience.

"I can sympathize with all those new undergraduates who are starting school because I found the University to be a really big, overwhelming place when I started," he says. "University is an amazing part of your life, and I am enjoying my time at the U of A so much. It's like a family as well."

— Wanda Vivequin

## Doctoral students receive a windfall

The University of Alberta has made life easier for doctoral students by announcing a \$1.6-million initiative to lighten their financial load.

Called the Provost's Entrance Award, the new program will grant 160 awards to incoming doctoral students and 140 awards to doctoral students entering their second year of studies, starting in September 2004.

Valued at \$4,000 for Canadian students and \$8,000 for international students, the awards will be granted based on academic merit and student financial need.

The new program is in response to growing competition for graduate students, says Carl Amrhein, provost and vice-president (academic).

"Studies have shown that PhD students do much better and accomplish their goals much faster if finances aren't a worry," Amrhein says. "These awards are an



**Carl Amrhein**

attempt to ease the financial pressures for these students. We are anticipating that these new awards will enable us to attract and retain some of the brightest minds in the province, in the country, and in the world."

"This puts us in a very good position in Canada, competing for these students," says Mark Dale, dean of the Faculty of Graduate Studies and Research. "It's no secret that there are a couple of other Canadian universities we see as competition for these students, and this helps our cause."

Funding for the awards comes from the Provost's budget, the Faculty of Graduate Studies and Research, and through restructuring of other scholarship funding.

— Richard Cairney

## Golden goal lifts Bears to national title

The University of Alberta Golden Bears soccer team won its first national championship in nearly a quarter of a century in Montreal on 9 November.

It took double overtime to get the job done, but the Golden Bears eventually defeated the Saint Mary's Huskies 2-1 to claim the Canadian Interuniversity Sport title for the first time since 1979. First-year player John Castrillon, who was born in Montreal, scored the golden goal off a corner kick.

"He was absolutely ecstatic, especially considering he had a huge group of family attending the game," said Golden Bears coach Len Vickery.

"At the beginning of the season we ranked ourselves second or third in Canada West," said Bears captain and centre midfielder Jordan Gillespie, "and we knew that it was going to be really tough just to get out of Canada West."

Gillespie, who plays with the Alberta A League Calgary Storm during the summer months, said this year's team learned some important lessons early in the season.

"This year we lost some games earlier on, and I think that it helped us. It was kind of nice because we had time this year to grow together and overcome it," he said.

"This is probably one of the closest teams I've been on. We all go to school, we all struggle with soccer and studies and trying to balance that, and we hang out off the field too."

— Richard Cairney



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\*No purchase necessary. The contest is open to residents of Canada who have reached the age of majority where they reside. The approximate value of the BMW 330Ci Cabriolet is \$63,000 (vehicle may not be identical to the one shown). The contest runs from January 1<sup>st</sup> to December 31, 2003. In order to win, the entrant, selected at random, must correctly answer a mathematical skill-testing question. For the odds of winning and to learn how you can participate, see the complete rules of the Win a BMW 330Ci Cabriolet Contest at [www.melochemonnex.com/ualberta](http://www.melochemonnex.com/ualberta).

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## Lights Off! (if nobody's home)

The University of Alberta started a new awareness program this fall that will gently persuade people to turn their lights off whenever possible.

Geoff Hurly, associate director of operations and energy management, says the new Lights Off program should save the University about 10 percent of the annual \$4 million it costs just to keep lights on.

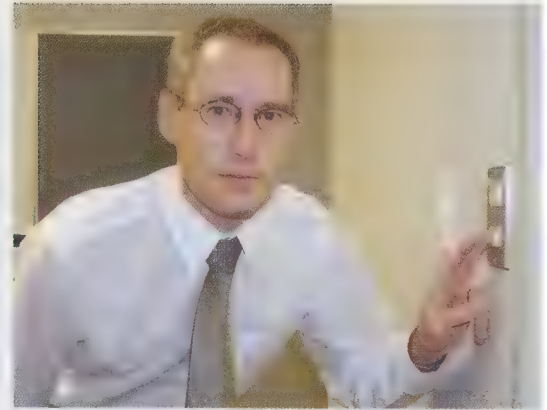
In September, building services staff reported on rooms where lights were being left on. In late October they repeated the exercise to assess the impact of the awareness program.

Hurly stressed that whenever lights are turned off, it makes a difference. "We're not just asking people to turn their lights off at the end of the day, as that is already expected," Hurly said. "We are also asking them to

turn the lights off when they go to a meeting or just step out for a coffee. And if you have a window in your office, we're asking people to take advantage of natural light."

The U of A Energy Conservation Program, created about three decades ago to cut utility costs, has a proven record—since its inception, it has saved the University \$139 million by raising conservation awareness and by bringing in new technology to help reduce energy consumption.

In October, the program received approval from the province to borrow \$3.5 million to install energy efficient lights and light fixtures throughout the Biological Sciences Building. It is estimated that the upgrade will save the University approximately \$550,000 a year.



**Geoff Hurly, associate director of operations and energy management, says turning the lights off for just two more hours a day can save the University about \$400,000 a year in energy costs.**

The loan will be paid off through the resulting energy savings, says Len Sereda, '72 BSc(Eng), director of facilities management at the U of A. When the debt is repaid in 10 years, the University will realize savings on its annual energy bill, which is projected to reach \$34 million this year.

— Richard Cairney

## Campus construction continues unabated

If you're having a hard time keeping up with the current campus construction boom, maybe the following quick overview will help you out.

### **Markin/CNRL Natural Resources Engineering Facility**

**Location:** 116 Street between General Services Building and ECERF/ETLC (former Blench Hydraulics Lab site).

**Size:** 30,000 m<sup>2</sup>; 7 storeys plus 2 basement levels.

**Purpose:** Engineering studies in support of energy and natural resources sectors.

**Completion:** December 2004.

### **Saville Sports Centre**

**Location:** South Campus; south of Foote Field on 115 Street.

**Size:** 11,571 m<sup>2</sup>; 1 storey.

**Purpose:** Tennis centre, curling, and gymnasium space.

**Completion:** December 2003.

### **Ledcor Clinical Training Centre and Zeidler Family Gastrointestinal Health and Research Centre**

**Location:** East of the Walter Mackenzie Centre.

**Size:** 2,430 m<sup>2</sup>; 3 storeys plus basement.

**Purpose:** Consolidation of Gastroenterology; space for clinical training facilities for the health sciences.

**Completion:** Fall 2004.

### **Utilities Expansion: Boiler and Stack (phase 1a); Thermal Energy Storage Tank (phase 1b)**

**Location:** Next to existing stack (phase 1a); south of Phillips Services Building (phase 1b).

**Purpose:** To increase heating and air conditioning capacities.

**Completion:** Winter 2003 (phase 1a); Summer 2005 (phase 1b).

### **National Institute for Nanotechnology (NINT)**

**Location:** North of Mechanical Engineering (former Temporary Labs site).

**Size:** 21,000 m<sup>2</sup>; 6 storeys.

**Purpose:** Canada's national nanotechnology research and training centre.

**Completion:** August 2005.

### **East Campus Village**

**Location:** 111 Street and 88 Avenue (east of Faculty of Law building).

**Size:** 6 storeys. 157 student rooms, three guest suites, meeting rooms and administration space.

**Purpose:** Student housing.

**Completion:** August 2004.

### **Health Research Innovation Facility (HRIF)**

**Location:** Former Newton Research Building site (phase 1); parking lot east of Heritage

Medical Research Centre (phase 2).

**Size:** 65,000 m<sup>2</sup>; 7 storeys plus basement.

**Purpose:** Medical health research.

**Completion:** June 2006 (phase 1); April 2007 (phase 2).

The University isn't the only one building things around campus: the City of Edmonton is spending \$108 million on the extension of the LRT, bringing the train to ground level and building a new station on 114 Street east of the Jubilee Auditorium; and Capital Health is spending \$142 million on the six-storey Alberta Heart Institute, which will be built above the current site of the University of Alberta Hospital emergency department.

— Richard Cairney





bear **UNIVERSITY**

## MESSAGE FROM THE PRESIDENT

*Condensed from President Fraser's address to the University of Alberta Annual General Meeting, which was held in Edmonton on 25 September.*

My intention here is to address three things: the role of the university in today's economy; the past, present, and future role of the University of Alberta in the province's economy; and the position of Alberta's universities today.

A research-intensive university plays a central role in creating a strong economic and vibrant social environment. It provides a technology base, talent, and tolerance, and it is one of four pillars that economists agree are essential for a strong economy.

The first of these pillars is the best education system the economy can afford from pre-kindergarten through university; the second is a highly developed research and development capability; the third is an infrastructure that ensures clean air, potable water, and efficient transportation systems; and the fourth is the right regulations and the right taxes.

A study of Alberta's gross domestic product (GDP), shows that 30 to 40 percent of Alberta's GDP today is created by firms founded or led by University of Alberta engineering alumni. Add the firms founded or led by graduates of other faculties, and the number increases sharply. It climbs further still when the professions are included. Obviously, our university plays a major role in educating leaders. Francis Winspear often told me, "Never, ever, forget that the role of our university is the education of the leaders of tomorrow."

But how does the market judge the worth of education? The 2001 census shows that in 2001 the average annual income of people with high school completion, working in Alberta, was \$35,000. People who had completed a

college, NAIT, or SAIT program had an annual average salary of \$43,000. But people with a university degree had annual average incomes of \$64,000. And a recent edition of Canadian Business noted that 45 percent of CEOs in the 100 fastest-growing companies in Canada had one university degree, and a further 24 percent had more than one.

University of Alberta contributions to the province's economy include the discovery of oil in Alberta, which came about because University of Alberta geologists convinced an Imperial Oil executive to twist arms in New York for the last \$100,000 needed to drill Leduc Number One. Carl Clark, a faculty member, discovered a process for separating oil from sand, and the oil sands now power our Alberta economy in significant ways, with University of Alberta researchers continuing to play a major role in oil sands technology. Improved life styles for many diabetics are the result of the Edmonton Protocol developed at our university. And as the centre of nanosciences in Canada, the National Institute of Nanotechnology is attracting nanoscientists from around the world. We have also taken a leadership role in bringing together governments and others to create one of the world's most powerful initiatives in energy and environmental research. And we are working closely with Alberta Agriculture and the agriculture industry to ensure the development of agribusiness in Alberta.

But can we continue our contributions?

Our core budget now constitutes 30 percent of our approximately \$1 billion annual income. Over the



**Roderick D. Fraser**  
President, University of Alberta

last 23 years, this is a decrease in real terms from about \$310 million in 1980 to about \$239.5 million in 2002. In that period, student numbers increased from 21,000 to 34,400 students (fall 2003).

In 1982, every \$1 the University received from tuition fees was matched by \$10 from the province. In 2002, every \$1 received from tuition fees was matched by only \$2.32 from the province. British Columbia has university space for only 15 percent of its 18- to 21-year-olds. Alberta (16 percent capacity) is well behind the rest of Canada (19 to 20 percent), which has slipped behind 10 other countries.

Canada is in 14th place among the OECD countries in the percentage of GDP allocated to research and development. In Alberta, research and development funding is 0.9 percent of GDP. In Canada as a whole it is 1.8 percent.

It is worth remembering that nearly 100 years ago, the University Act was passed during the First Legislative Session of the new Province of Alberta. Premier Rutherford and his colleagues clearly understood that education was a basic building block in construction of a province.

For me, too, education is the first pillar in building a strong economy. We Albertans are blessed with unbounded opportunity. The University of Alberta wants nothing more than to play its full part in creating the future.





David Miller, North Dakota Geological Survey

# Max, the 12-metre lizard arrives on campus

*65-million-year-old sea monster is at home on the prairies*

Imagine finding a lizard that looked like a cross between a Komodo dragon and a crocodile in Saskatchewan. That's just what Michael Caldwell did, and he couldn't be more pleased.

In June, Caldwell and his team of U of A graduate and undergraduate students retrieved a "new and complete" dinosaur fossil that they had located the previous summer at Lake Diefenbaker in southern Saskatchewan.

A paleontologist in the University's Department of Biological Sciences, Caldwell specializes in the study of lizards and snakes of the late Cretaceous Period. Last summer, he focused on finding and studying the remains of mosasaurs, a family of huge marine lizards that ruled oceans around the world until about 65 million years ago.

"Mosasaurs ate almost anything they wanted, and I mean this quite seriously," says Caldwell. "Mosasaur fossils have been found with other mosasaurs in their stomachs, as well as fish, invertebrates, and so on."

Millions of years ago Caldwell's study site sat on the western shore of an ocean that stretched from Florida to the Arctic. The fossilized bones of the mosasaur, nick-named "Max" after one of the students, were discovered near the site of one of Canada's most outstanding dinosaur finds—the full skeleton of a *Tyrannosaurus rex*.

If the *T. rex* that prowled the shoreline was king of the land, the mosasaur was surely one of the most feared creatures of the sea. The fossil Caldwell's team found was from an animal that would have been about 12 metres long and had the girth of a cow.

One of the most important features of the mosasaur fossil unearthed by Caldwell and his team is that it is complete. The researchers were able to

dig up every single bone in the beast's body, from the tip of its snout to the end of its tail.

In May, Caldwell had been in Italy to examine the remains of an ancient lizard he described as being "at the base of the mosasaur family tree." The lizard's remains were particularly incredible because much of the creature's skin was preserved, as well as its bones.

Later in the summer, his research continued in western Europe, where he worked to track down more mosasaur body parts and information. In particular, he studied the remains of the granddaddy of all mosasaurs found to date: a monster from Belgium measuring nearly 17 metres in length.

In August, while he was still in Europe, a nearly complete mosasaur specimen, arrived at the U of A from Morocco, where it was discovered a few years ago. The Department of Biological Sciences purchased the bones for \$15,000—"a steal," according to Caldwell.

"It would have cost us much, much more to collect and prepare these bones ourselves," Caldwell says, adding that the fossils will eventually join the U of A museum collection.

The goal of all these efforts, Caldwell says, is to compile as much information as possible to piece together the clearest picture of late-Cretaceous biodiversity, and of the mosasaur family in particular.

"The fossils themselves are our database of knowledge of these creatures," he says. "We use them to try to answer as many questions as we can, such as how they evolved and where they lived."

But as great as last summer was, Caldwell is just as excited about the future. He is helping to organize an international mosasaur conference that will take place in the Netherlands next May. He is also awaiting the arrival of digital imaging and microscopy equipment, among other paleontology gear, which he purchased with an infrastructure grant from the Canadian Foundation for Innovation.

"The lab I am constructing emphasizes the use of digital imaging to help communicate our increasing knowledge of the anatomy of ancient animals. CT scanning technologies, interpreted and analyzed using my new computing power, are helping us look inside the skulls and bones of these ancient animals," says Caldwell.

"There's no shortage of projects and research topics," he adds. "We're really building a paleontology lab for the 21st century, and we're obviously really excited."

—Ryan Smith

**Above:** A mosasaur chasing an early diving bird.

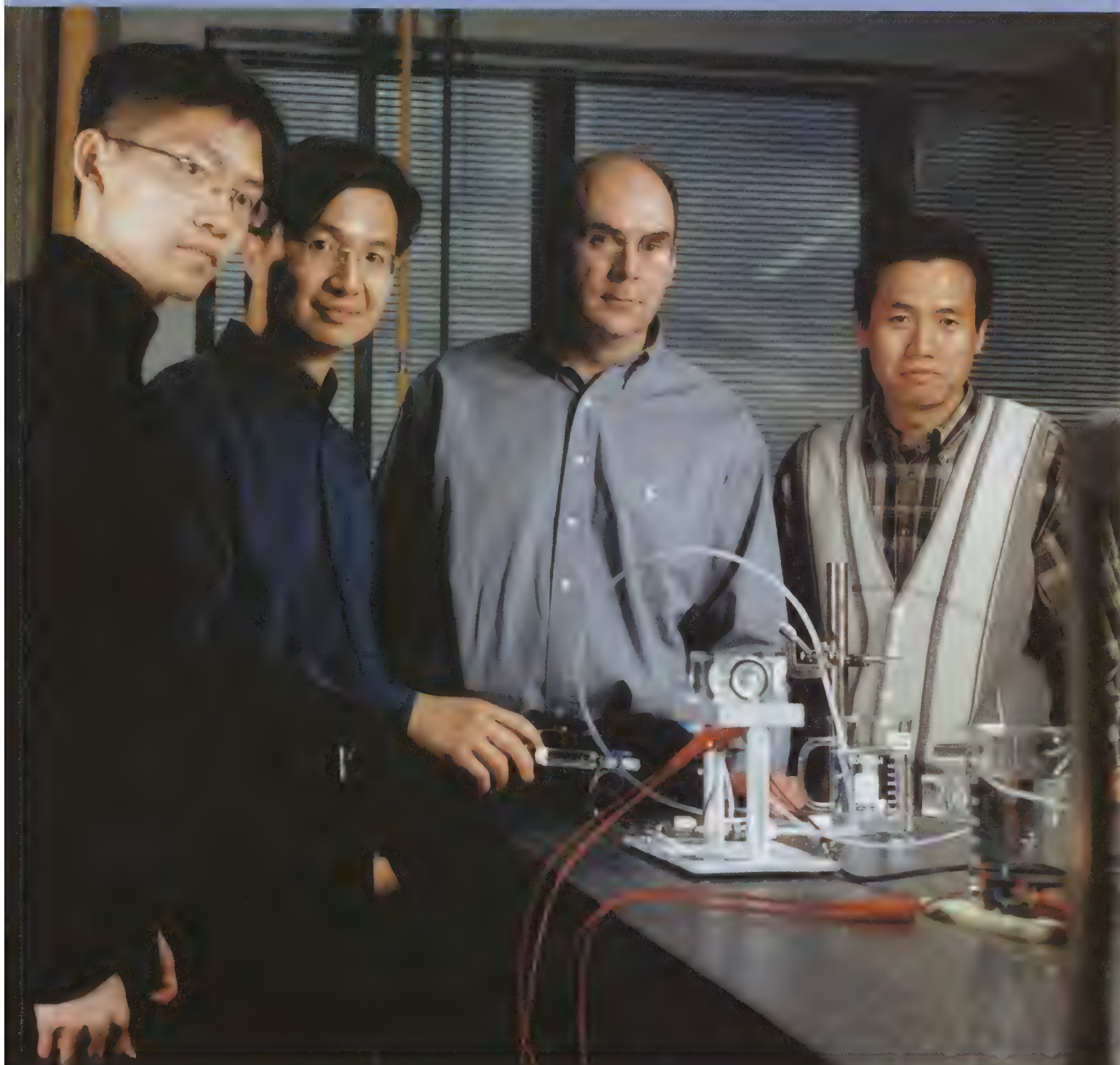
**Right:** Michael Caldwell with the mosasaur skull he discovered near Lake Diefenbaker, Saskatchewan.





# Power on tap

Engineering researchers generate an el





by Phoebe Dey and Roland Lines

# Electrical current with pressurized water

**W**hat started as a simple conversation between two engineering professors has led to the development of a new way to harness electricity—from pressurized tap water.

A team of researchers and students from the Department of Mechanical Engineering, led by Daniel Kwok and Larry Kostiuk, '85 MSc, found a way to exploit the natural electrical properties of a liquid, such as ordinary tap water, as it flows across a surface. The scientists are calling their creation an electrokinetic microchannel battery.

"This effect is only possible for microfluidics," says Kostiuk. "You have to use very small channels to get a streaming current to flow. Each channel contributes less than a nanoamp, but you can gang together as many as you need."

The team's discovery, published in the *Journal of Micromechanics and Microengineering* in October, made headlines around the world. The electric current the device generated was extremely small, but it attracted a lot of attention because it is the first time since 1839 that a new electric principle has been used to generate a current.

Most modern electrical generation employs electromagnetic induction, which was discovered and demonstrated by Michael Faraday in 1831. For example, a nuclear power plant doesn't generate electricity directly from the fission reaction; instead, the nuclear energy is used to heat water, which then drives a turbine that creates electricity through electromagnetic induction.

Kwok and Kostiuk's battery is being promoted by observers as a safe, non-polluting, completely renewable method of producing electric power.

"This new technology could provide an alternative energy source to rival wind and solar power," says Kostiuk, "although this would need huge bodies of water to work on a commercial scale."

Another application that is generating interest is for batteries in devices such as mobile phones or calculators, which could be charged up by pumping water to high pressure.

Kostiuk says a more immediate use of the new technology might be found in a place where large amounts of

water are already being filtered daily—water-purification plants. If the mechanics of electrokinetic electricity can be improved, water plants could use the technology to meet some of their own electricity needs, or even generate electricity for others.

David Lynch, dean of the Faculty of Engineering, praised the mechanical engineering team for its rigour and creativity. "The discovery of an entirely new way of producing power is an incredible fundamental research breakthrough," he said. "It has been more than 160 years since the last such fundamental discoveries that have now led to the current applications associated with solar cells and fuel cells. This groundbreaking discovery of an electrokinetic effect that can generate electricity could be equally revolutionary. It will earn these engineering researchers and the University of Alberta a place of prominence in scientific journals and textbooks for decades to come and electrokinetic cells may find significant applications in numerous commercial areas."

\* \* \*

The successful collaborative project started soon after Kostiuk was appointed chair of the Department of Mechanical Engineering. When Kostiuk made his rounds to learn what his colleagues were studying, he listened to Kwok describe his work with electrokinetics, which is the science of electrical charges in moving substances, such as water.

In that meeting, Kwok explained how, when water travels over a surface, the ions that it is made up of "rub" against the solid, leaving the surface slightly charged.

"Then Larry said to me, 'Well, that sounds like a battery to me,' and I just paused and then realized what he said," recalls Kwok. "It shows the importance of interdisciplinary work—sometimes we focus so much on our research that we aren't able to take a step back and see what others can see."

Scientists have known about the electrokinetic effect for decades, and it has been used in many industrial applications, such as electro-osmosis for the treatment of

Facing page: Daniel Kwok (centre left) and Larry Kostiuk (centre right), with graduate students Jun Yang (left) and Fuzhi Lu, demonstrate their new method of generating an electrical current.



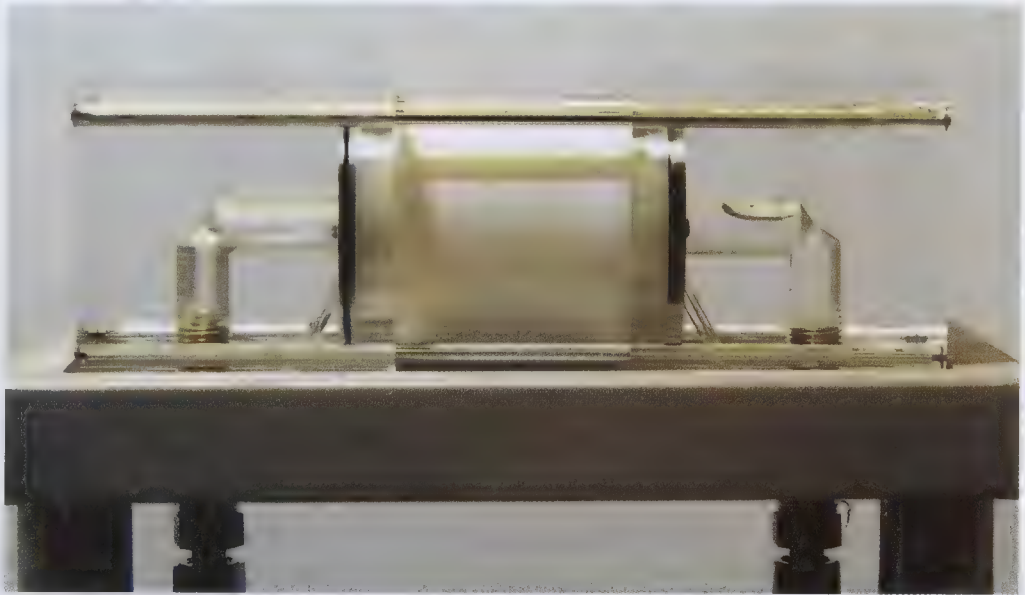
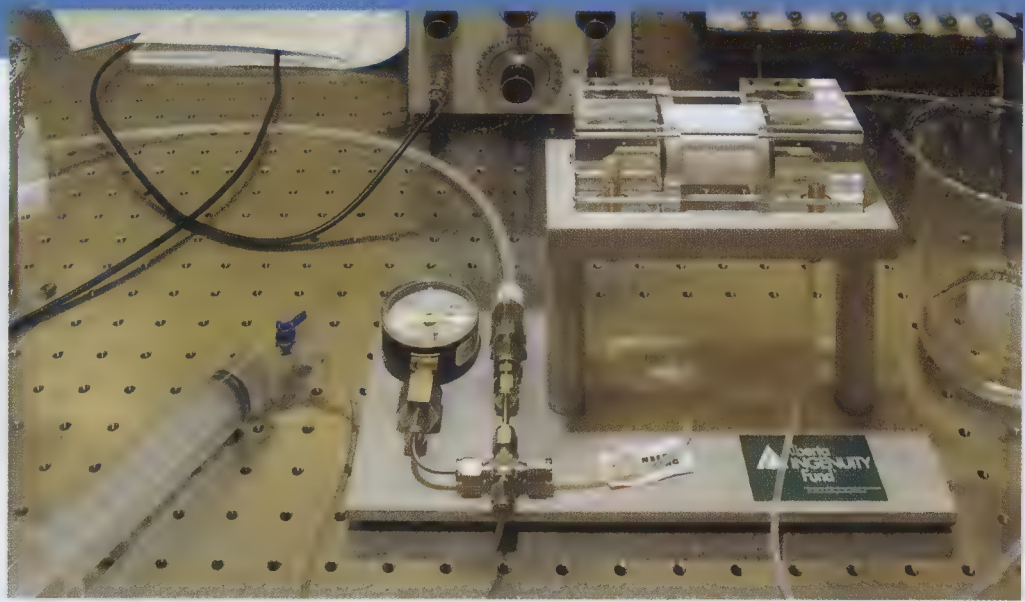
### How the electrokinetic microchannel battery works

The underlying principle behind Kwok and Kostiuk's battery is something called the electrokinetic effect. At the point of contact between a solid and a fluid, some of the atoms in the solid disassociate, forming positive ions and free, negative electrons. Depending on the material of the solid, either the electrons or the positive ions will flow into the fluid, giving the solid a net charge.

If the solid is non-conductive, the charge remains localized at its surface, attracting oppositely charged ions and repelling similarly charged ions in the fluid. As a result, a thin, charged layer, known as the electric double layer (EDL), forms along the interface of the fluid and the solid.

By forcing the fluid through channels with a diameter similar to the EDL—only 13 microns across (about one tenth the diameter of a human hair)—only the attracted type of fluid ion is able to move through the channel with ease; fluid ions with the same charge as the surface of the solid are repelled from the channel. This flow leads to a separation of fluid charges on either side of the channel, which creates an electrical potential (voltage) between the two ends.

Although the current generated from a single microchannel is extremely small—less than one billionth of an amp—Kwok and Kostiuk's battery used a disc containing hundreds of thousands of parallel microchannels to increase the power output to useful levels.



Richard Siemens



## The missing link in the electrokinetic chain of research

**A**lthough it was unknown to Kwok and Kostiuk when they were first developing their battery, the U of A team was not the first to investigate harnessing electrokinetics to generate a current: J. Fletcher Osterle, a professor at Carnegie Mellon University, published a paper titled "Electrokinetic energy conversion" in the *Journal of Applied Mechanics* in 1964. Osterle's paper addressed the broad concepts of the

phenomenon, but not its applications, and Kwok and Kostiuk only learned about Osterle's work after publicizing their independent discovery of the electrokinetic microchannel battery.

"Probably the reason no one carried on Osterle's work is that he concludes the efficiency can never be better than .04 percent," says Kostiuk. "We haven't done much better than that so far, but we do think that we can do much better—we have much better technologies today ... than they did in the 1960s."

hazardous wastes and electrophoresis for electroplating. The current generated by standard electrokinetics is so small, however, that no one thought it had any realistic potential for generating electricity.

Indeed, the U of A team's initial efforts at tapping the potential of the phenomenon generated such a minute amount of energy that the task was thought impossible, said Jun Yang, a graduate student working towards his PhD in mechanical engineering who designed the experiment at Kwok's request.

But Yang, who came to the U of A from the Beijing Institute of Technology two years ago, says he wanted to try again. After three days, he says, it occurred to him that the current might be enlarged if many thousands of microchannels were added together.

Yang and Kwok exchanged ideas on ways to increase the number of channels they forced water through. It would have been extremely expensive and time-consuming to build a microchannel array through nanofabrication,

but then they hit upon the solution of using a naturally porous material, such as glass.

The team, which also includes graduate student Fuzhi Lu, has since been able to improve on the results detailed in the initial research paper, generating 20 times as much energy and illuminating LED lights.

"Our demonstration was just to prove the principle, not to generate a lot of power," says Kostiuk, "but we did show that you can convert hydrostatic pressure directly into electrical work."

The potential environmental benefit of clean energy conversion using safe, renewable materials is motivating the team to explore how its prototypical device may be developed into a battery for eventual commercial use. The inventors are working with the U of A's Technology Transfer Group to develop a commercialization strategy for the groundbreaking work. A patent application has been filed by the University to obtain broad, early protection of the invention.

## Some milestones in electrical science

**A**lthough the "strange effect" of static electricity was observed by the Greeks in 600 BC, scientific research into the nature of electricity didn't really start until William Gilbert, court physician to Queen Elizabeth, investigated the connection between static electricity and magnetism in 1600.

For more than 100 years, static electricity was the only type known. It wasn't until 1729 that Stephen Gray demonstrated that electricity could be transferred from place to place with conducting wires, although he still relied on electrostatic machines to generate the electricity.

The first big step in electrical generation came in 1800, when Alessandro Volta discovered the electrochemical effect, showing that electricity is created when moisture comes between two different metals. Volta then built the first electric battery, called the voltaic pile.

In 1822, Thomas Seebeck discovered the thermoelectric effect by showing that an electrical current will flow in a circuit of dissimilar metals if the metals are at different temperatures.

Michael Faraday's 1831 discovery of electromagnetic induction—the principle that a changing magnetic field will create a current in a conducting wire—led to the first generation of electrical current on a practical scale by rotating a magnet within a wire coil. Almost all modern electrical generation employs electromagnetic induction; what varies is the method of powering the turbine that turns the magnet.

The year 1839 saw the discovery of two more methods of producing electrical currents. In England, William Grove discovered proton exchange membranes, using them to combine hydrogen and oxygen to produce electricity and water in what he called a "gas voltaic battery," the forerunner of modern fuel cells. In France, Alexandre Edmond Becquerel discovered the photoelectric effect—that light shining on a metal surface causes the release of electrons—which is used to create an electrical current in solar cells.

In 2002, Daniel Kwok and Larry Kostiuk successfully harnessed the electrokinetic effect—the separation of charges along a solid/fluid interface—to create their electrokinetic microchannel battery.



# Toyota Earth Day

## SCHOLARSHIP PROGRAM



15 entrance scholarships of \$5,000 each will  
be awarded across Canada

**Applications due February 27, 2004**

For more information and applications please visit  
[www.earthday.ca/scholarship](http://www.earthday.ca/scholarship) or [www.toyota.ca](http://www.toyota.ca)  
or e-mail [scholarship@earthday.ca](mailto:scholarship@earthday.ca)





# UNIVERSITY OF ALBERTA

## Backed by Outstanding Canadian Leaders

The University of Alberta has a clear vision—to be among the world's best in teaching, research, and community service. As we prepare for our second century of service in 2008, we are pleased to announce the outstanding Canadian leaders who will serve as co-chairs for our upcoming national fundraising campaign.



**Tim Hearn**

Chairman, President and CEO  
Imperial Oil Limited  
Toronto

*"The impact of the University of Alberta is provincial, national and international in scope. I'm pleased to be involved with one of Canada's foremost teaching and research-intensive universities."*



**Bob MacLean**

Partner  
VectorWest Capital Corp.  
Edmonton

*"As a business family, parents of two graduates and alumni, my wife Marianne (B.Ed '75) and I (B.Com '75) are honoured to make this contribution to the development of young people and the leaders of tomorrow."*



**David McLean**

Chairman  
CN  
Vancouver

*"The University of Alberta is all about people – tremendous students, dedicated teachers and world-renowned researchers. It is an exciting time on campus and as an alumnus (BA '59, LLB '62, Hon '94), I look forward to being a part of this excitement."*



**Nizar J. Somji**

President and CEO  
Matrikon Inc.  
Edmonton

*"University of Alberta researchers are among the best in the world and at the forefront of discovery. I'm proud to be an alumnus (M. Eng '85) and to support the university in enhancing its ability to attract and retain the best and the brightest minds."*



**Jim Stanford**

President  
Stanford Resource Management  
Calgary

*"The engineering education I received at the University of Alberta (P. Eng '60, Hon '2000), gave me a solid foundation for my career in the energy sector. I am pleased to have this opportunity to give back and support this world-class university."*

For more information on how you can support the campaign, contact the Office of External Relations, Development Office at 1-888-799-9899



UNIVERSITY OF  
**ALBERTA**  
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# A deed of epic proportions

## French village honours

by Roland Lines and Ryan Smith

Shortly after 8 a.m. on 2 September 1918, just after an Allied artillery barrage had ended, scout leader Lt. George Burdon McKean and two of his men climbed over a broken-down wall and entered the central square of Cagnicourt, in northern France. They soon realized that scores of German soldiers were watching them from the surrounding buildings.

"For a moment I was dumbfounded," McKean wrote in his 1919 book, *Scouting Thrills*, "momentarily expecting the Huns to open up on us—for we were frightfully outnumbered. For a few seconds we stood there and stared at one another. Then I started waving my arm wildly as though encouraging scores of men to my right and left to come forward."

In fact, what remained of McKean's battalion was still several minutes away, but when McKean backed up his bluff with a wild rush at one enemy soldier, still shouting and waving his revolver, the German dropped his rifle and ran. Soon, the three Canadian scouts found themselves in the midst of a mob of fleeing Germans.

Although he had been wounded with a piece of shrapnel from a German shell on his approach to the village, McKean ran up and down the main road of Cagnicourt, cutting off enemy troops as they tried to retreat down side streets and "shooing" them back towards his battalion's position. When his backup started entering Cagnicourt, McKean took a scout with him to the far side of the

village, where he had seen a large number of the enemy disappear around a bend in the road. There, with the mystifying compliance of a German captain, McKean took more than 100 Germans prisoner from three dugouts.

McKean was awarded a Military Cross for his actions on that day, but the story of his daring bluff was largely forgotten until Michel Gravel, a salesman and amateur historian from Ontario, discovered a copy of *Scouting Thrills*. McKean, a former editor of *The Gateway* when he was a student at the U of A, wrote *Scouting Thrills* for the British boy scouts in 1919.

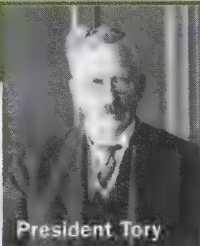
"The story of his almost single-handed capture of Cagnicourt ... is a deed of epic proportions, as it contributed greatly to the success of the whole Canadian offensive," Gravel wrote in a letter to relatives of many Canadian soldiers who fought in the First World War.

Gravel's investigations brought him in touch with Bernard Beaucamp, the mayor of Cagnicourt. Although McKean had previously been unknown to the residents of Cagnicourt, Beaucamp thought something should be done in his honour.

"This is a story that should not be forgotten," Beaucamp told Gravel in

### Khaki University

During the First World War, Henry Marshall Tory, the U of A's first president, was asked to develop the teaching services provided to Canadian forces in Britain through the YMCA into a full-fledged university. In 1917, he presided over the opening of the Canadian Khaki University, which had some 50,000



President Tory

men enrolled in varied academic or job-training courses given at military camps or hospitals.

The university continued into 1919, and it was renewed in 1945–46 for another generation of Canadians serving in the Second World War.





# former U of A student

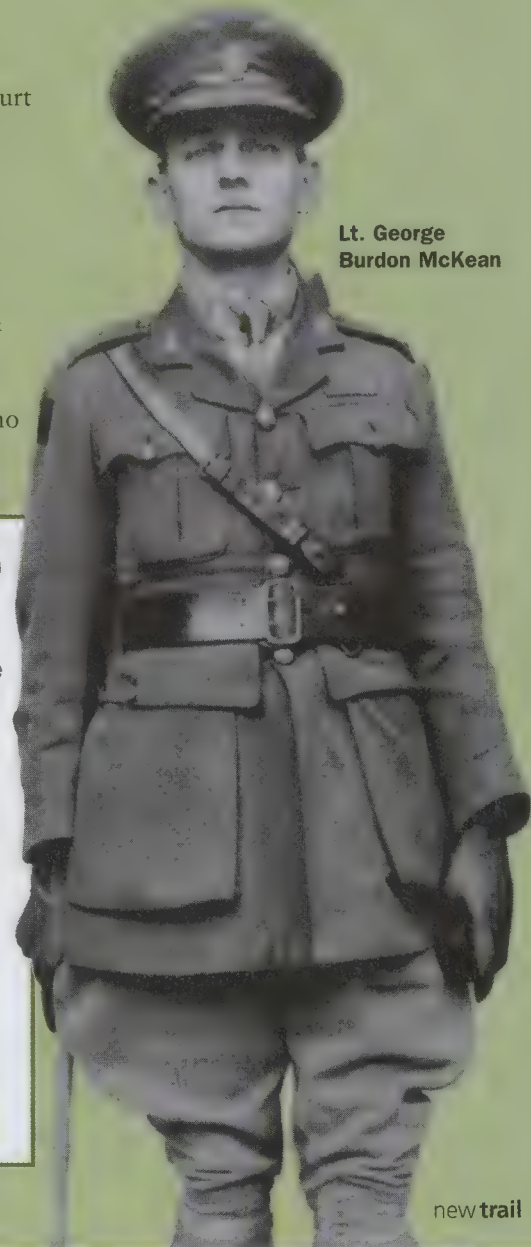
June 2002. “When I called for volunteers to join the planning committee, I found that of the 30 or 40 people who came forward—out of our population of 400—half were young people. Because of this, I knew that the commemoration was worth doing, as the involvement of the young ensures that the story we are telling will be told for at least one more generation.”

The village decided to rename their central square in honour of McKean, and on 6 September 2003, the 85th

anniversary of the battle of Cagnicourt, about 2,000 visitors joined the 400 residents of Cagnicourt for the unveiling of the monument.

Gravel organized a delegation of 35 Canadians to attend the ceremony, including David Mitsui, '83 MA, a practicum supervisor in the Faculty of Physical Education and Recreation. Mitsui received an invitation to join Gravel's group because his grandfather, Masumi Mitsui, was a decorated soldier who fought in the First World

Lt. George Burdon McKean



## The Victoria Cross

***For most conspicuous bravery or some daring or pre-eminent act of valour or self-sacrifice or extreme devotion to duty in the presence of the enemy.***

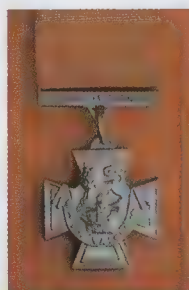
Instituted on 5 February 1856, with awards retroactive to 1854, the Victoria Cross was the highest award for gallantry available to Canadian soldiers throughout the 20th century.

The first award to a Canadian was in February 1857, to Alexander Dunn for his actions in the Charge of

the Light Brigade during the Crimean War. Since then, another 93 Canadians (Canadian-born or serving in the Canadian Army or with a close connection to Canada) have been awarded the Victoria Cross.

Seventy Canadians received the Victoria Cross during the First World War. George McKean is one of only

three to also win the Military Cross and the Military Medal. McKean's medals are held at the Canadian War Museum in Ottawa.







Simon Godly



The village square in Cagnicourt, northern France, was renamed Place du Lieutenant George Burdon McKean on 6 September 2003.

David Mitsui



**McKean lines meet for the first time:** Although George McKean was born in England and settled there after the war, he still has relatives in Canada from before he left. Tom McKean (right), a retired dentist from Toronto, represented McKean's Canadian relatives at the September ceremony. He is pictured here with McKean's English great-grandson Mark Harris. The two sides of the family knew about each other, but they had never before met.

War, including in the Cagnicourt area in September 1918.

"It was a wonderful celebration," Mitsui says. "We didn't fully appreciate the amount of community participation and enthusiasm involved in this ceremony until we arrived here. They actually closed down the village for the day."

\* \* \*

George McKean was born in Wellington, England, in 1888. His parents died when he was still young, and in 1902 he emigrated to Canada to join two brothers working on a ranch near Lethbridge, Alberta. After living for a time in the Connaught area of Calgary, in 1912 he enrolled in Strathcona's Robertson College, a University of Alberta affiliate college that prepared students for Presbyterian ministry. By 1914, he had become an assistant to the minister at Robertson Presbyterian (now called Robertson-Wesley United Church). McKean also became a local scoutmaster.

In January 1915, McKean enlisted in the 51st Overseas Battalion, Canadian Infantry, in Edmonton. After the 51st arrived in England in April 1916, it was broken up for reinforcements—McKean was sent to

the 14th Battalion (also known as the Royal Montreal Regiment) in France.

McKean became a scout in October 1916. He was promoted to corporal, and after he was awarded the Military Medal in March 1917, he was sent to England for officer training. McKean returned to the 14th Battalion in November—after Vimy Ridge, Hill 70, and Passchendaele—as a lieutenant. He won his Victoria Cross during a large-scale trench raid on 27/28 April 1918 at Gavrelle, France. McKean was away from his unit again during the Battle of Amiens, rejoining them just before the assault on the Drocourt-Quéant line.

Although typically overshadowed by the earlier and more costly battle for Vimy Ridge, some historians see the fighting in and around Cagnicourt as a turning point in the last 100 days of the war.

The Second Battle of Arras, which had the breaking of the Drocourt-Quéant lines, as one of its main objectives, began on 26 August 1918 against some of the strongest German positions on the Western Front.

The battles fought around Cagnicourt on 2 September were critical, according to Gravel, because the Canadians forced a bulge in the





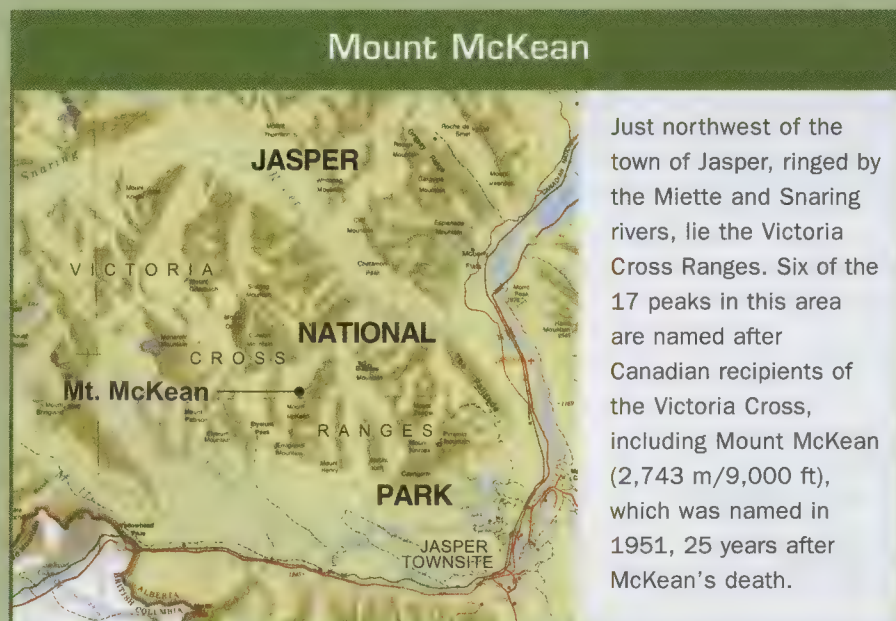
Cagnicourt mayor Bernard Beaucamp with McKean's daughter, Pat Stanley, and great-grandson, Mark Harris.

offensive line that ultimately enabled the Allies to outflank the Germans, hastening their withdrawal on the Western Front.

The wounded McKean was evacuated after Cagnicourt, and he did not return to the 14th Battalion until after the Armistice. Instead of returning to Canada, he settled in England, where he was recruited by Henry Marshall Tory, his old university president, to run the London bureau of the Canadian Khaki University.

McKean spent about a year there helping soldiers make the transition back to civilian life.

McKean met and married Constance Hilton-Slaughter in the early 1920s, and they had one daughter, Patricia. After leaving the military himself, he became a sawmill owner. McKean was killed suddenly in 1926 when the circular saw he was operating at his mill flew apart. Not forgotten in Alberta, his death made the front page of the *Edmonton Journal*.



Just northwest of the town of Jasper, ringed by the Miette and Snaring rivers, lie the Victoria Cross Ranges. Six of the 17 peaks in this area are named after Canadian recipients of the Victoria Cross, including Mount McKean (2,743 m/9,000 ft), which was named in 1951, 25 years after McKean's death.



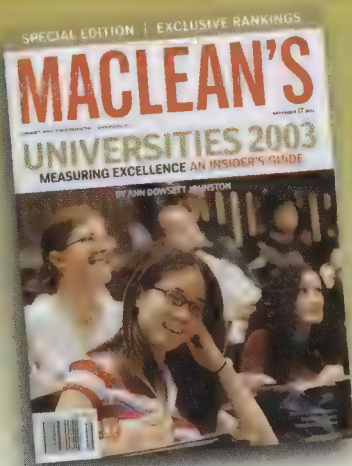
"For conspicuous gallantry and devotion to duty during an attack

near Cagnicourt on September 1st/2nd, 1918. As scout officer during two days' heavy fighting, he with his scouts led the battalion forward and sent in accurate reports, and rallied men who had lost officers.

He was wounded early, but pressed forward and entered Cagnicourt with three men, and observing a party of the enemy over a hundred strong retiring from the village, he dashed to a flank and headed them off and caused them all to surrender. Had these enemy troops been allowed to gain the high ground east of the village, they would have inflicted heavy casualties on our troops. He continued to send in reports until exhausted by loss of blood. His conduct throughout was magnificent."

—McKean's Military Cross Citation





# Maclean's rankings disadvantage Alberta students

## Provincial standards are incomparable

by Richard Cairney and Sandra Halme

Despite an improved showing in this year's *Maclean's* university rankings, the University of Alberta remains critical of the magazine's grading process.

University of Alberta Provost and Vice-President (Academic) Carl Amrhein says the national magazine short-changes Alberta students in its annual university rankings edition when it considers the grades of students entering university.

"Each province has a different standard for awarding grades," says Amrhein. "The *Maclean's* ranking presumes that an 85-percent average entering grade for a student in one province equals an 85-percent average in another. In fact, when you look at the results of international standardized tests, Alberta students out-perform those of other provinces."

Amrhein says if entering grades for first-year university students were to be compared equally, averages in the rest of Canada would have to be adjusted downward, or averages of Alberta students increased by about 4 percent.

"If you're going to rank universities and, by implication, the value of the degree their students earn,

you'd better ensure a level playing field," says Amrhein. "To date, that hasn't happened."

According to results from the most recent testing (2000) conducted by the Programme for International Student Assessment (PISA), Alberta students scored the highest in the world in reading, third in science, and tied for third in mathematics. PISA assesses the international achievement of 15-year-old students under the auspices of the Organization for Economic Co-operation and Development.

The average PISA score across all three categories is 548 in Alberta and 526 in Ontario. However, in the *Maclean's* rankings last year, the reported average university entering grades from high school for the two provinces were virtually the same: 83 percent.

In the national School Achievement Indicators Program (SAIP) conducted by Canada's Council of Ministers of Education (CME) between 1999 and 2002, Alberta ranked first in both mathematics and science for the proportion of 16-year-old students meeting standards and third in writing. The CME report also found that students in provinces with external tests, such as Alberta and

### The Maclean's Methodology How the ranking is done

Information for the rankings is gathered through a 17-page questionnaire sent to the universities, a reputational survey, and information on student and faculty awards collected from the administering agencies.

The universities are placed in one of three peer groups using such factors as research funding, diversity of offerings, and the range of PhD programs offered.

- **Primarily Undergraduate** universities are largely focused on undergraduate education, with relatively few graduate programs.
- **Comprehensive** universities have a significant amount of research activity and a wide range of programs at the undergraduate and graduate levels, including professional degrees.
- **Medical-Doctoral** universities offer a broad range of PhD programs and research, as well as medical schools.

Within each of the three peer groups, Maclean's ranks the universities on a range of factors in six broad categories. In total, medical-doctoral universities are ranked on 24 performance measures (weighting percentages are for medical-doctoral universities).

#### Student Body (23% of final score)

- 11% Incoming students' average high-school grades.
- 2% Proportion of those with averages of 75 percent or higher.
- 1.5% Proportion of out-of-province students in the first-year undergraduate class.
- 0.5% Percentage of international students in the first-year undergraduate class.
- 1% Percentage of international students at the graduate level.
- 2% Graduation rates: the percentage of full-time undergraduate students in their second year who go on to graduate from the institution within one year of the expected time period.



Quebec, tended to have stronger results than in provinces with little or no provincial testing.

"We're happy to be ranked alongside our peer institutions," Amrhein says. "Alberta universities are clearly among the country's best. But for the sake of our students, we need to ensure their degrees are recognized as coming from the country's top universities. To have that happen, the rankings need to be fair."

In this year's edition of *Maclean's*, the U of A moved up to sixth place from seventh overall in the medical-doctoral category, holding its fourth-place spot in reputation, a category that includes a jump to second spot in the "leaders of tomorrow" subcategory. The University also moved forward three spaces in student awards to fifth place, maintained top spot in library holdings per student, and moved up three places in proportion of operating expenditure to library.

The U of A, along with the University of Calgary, the University of Lethbridge, and the provincial government (through Alberta Learning), jointly placed an ad in *Maclean's* detailing the achievements of Alberta's high school students. Amrhein says the three universities will continue to work with the magazine to correct the problem.

Meanwhile, he says, it is becoming more difficult to advance in the rankings because the U of A and its peers are improving "for all the right academic reasons." And it's the motivation to help students, rather than to advance in what Amrhein dubs "a beauty contest," that counts.

"The U of A has a long history of not trying to play to the survey," he says. "And that is an attitude we should adhere to."



#### OVERALL RANKINGS: Medical-Doctoral Universities

The *Maclean's* ranking takes a measure of the undergraduate experience, comparing universities in three peer groupings. Universities in the medical-doctoral category have a broad range of PhD programs and research, as well as medical schools. Last year's rankings are shown in parentheses. (\* designates a tie)

The *Maclean's* survey also ranks the U of A's professors near the top in several highly competitive categories. The U of A placed third for the number of faculty members with PhDs, fourth in medical and science research grants, sixth in social sciences and humanities research grants per full-time faculty member from federal granting councils, and sixth in awards per full-time faculty.

The U of A placed fourth in scholarships and bursaries as a percentage of expenditures and sixth in student services as a percentage of expenditures.

- 3% Success of the student body at winning national academic awards over the past five years.
- 2% Percentage of first-year students who return in second year, either full time or part time.

#### Classes (17%)

- 7% Distribution of class sizes at the first- and second-year levels.
- 7% Distribution of class sizes at the third- and fourth-year levels.
- 3% Percentage of first-year classes taught by tenured and tenure-track professors.

#### Faculty (17%)

- 3% Percentage of faculty with PhDs.
- 3% Number of faculty who win national awards.
- 5.5% Success of eligible faculty in securing social sciences and humanities grants plus Canada Council grants.
- 5.5% Success of eligible faculty in securing medical/science grants.

#### Finances (12%)

- 3.3% Amount of money available for current expenses per weighted full-time-equivalent student.
- 4.3% Percentage of the budget spent on student services.
- 4.3% Percentage of the budget spent on scholarships and bursaries.

#### Library (12%)

- 3% Number of volumes and volume equivalents per number of full-time-equivalent students.
- 1% Total number of holdings.
- 4% Percentage of operating budget allocated to library services.
- 4% Percentage of library budget spent on updating the collection.

#### Reputation (19%)

- 16% Reputational survey.
- 3% Number of alumni gifts to the university over the past five years.



# His Dean's Vote of Confidence

by Anita Jenkins

In 1932, when Sheldon (Bob) Comfort, '33 BSc(Eng), was about to begin his fourth year of mining engineering studies at the University of Alberta, he was one and a half courses short of where he should have been. As Bob describes it, it was not because the courses were too difficult, but because he had not paid as much attention as he could have. After all, what student has not been tempted away from the books by the charms of extracurricular pursuits?

It was the time of the Great Depression, however, and Bob's having "messed up" could only be described as disastrous. Bob had three siblings attending university at the same time, and it was simply not possible for his father, who was a Red Deer dairy farmer of modest means, to pay for an extra year's tuition for Bob.

Bob remembers it as a turning point in his career and his life. He was certain he had missed his chance to "get the heck away from the farm."

Enter his guardian angel, Robert Starr Leigh Wilson, dean of applied science (as engineering was then known) from 1929 to 1946. Dean Wilson knew his young charges well, since the classes were small in those days. At 100 students in the whole faculty, there were only 6 students in Bob's mining engineering class.

For reasons that were never shared with Bob, Dean Wilson decided to give him a vote of confidence. He allowed Bob to carry an extra course load during his fourth year, provided he did well on the Christmas exams. Bob rose to the challenge and was

able to graduate with his classmates in the spring of 1933.

"It was a lifesaver," Bob says. "And," he adds, "I never had to tell my dad!"

Consequently, Bob has always had a desire to give something back to the University. He wants to help present and future students in much the same way that Dean Wilson once helped him.

"Throughout my working life," Bob says, "the thought was always

there that if funds were available some gesture should be made."

"[In 1993], a financial advisor told us about a new plan whereby you can take out a life insurance policy with the U of A as a beneficiary," Bob says. "I liked that idea because I figured I owed the University something."

Following graduation Bob Comfort went on to pursue a long and successful career in engineering. His first job was with the Caribou Gold Quartz mine, at Wells, B.C.



Bob Comfort today, and in his 1933 grad portrait.



# Remembered... 70 Years Later

*Bob remembers it as a turning point  
in his career and his life.  
He has never forgotten that he was given a  
second chance at his studies.*

That's where he met and married his wife, Betty.

"That was the best decision I ever made," he says.

He later moved on to the Yukon Consolidated Gold Corporation and then a couple of other companies before he settled in at Plains Western Gas and Electric in Edmonton. Bob worked for Plains Western for 17 years, serving as the vice-president and manager for much of that time. When Plains Western moved to Calgary, Bob established his own business, Comfort Engineering.

One advantage Bob saw in self-employment was that it allowed him to retire gradually. Very gradually, as it turned out, because he didn't give up his last client until 2000, when he was 88 years old.

Bob and Betty have two children, a son and a daughter, and four grandchildren, all girls. They are proud to have provided some financial support for each granddaughter's university studies.

"Two of them have a master's degree," Betty says, "and three of them obtained their degrees from the U of A."

Bob and Betty have also set up plans to financially support their five great-grandchildren's future studies.

In recent years, they have also provided additional bursaries for several engineering students.

Bob and Betty Comfort are modest people. They'd rather tell you about the achievements of their family mem-

bers, about the many winters they spent in Arizona, or about how Bob reads to his granddaughter's Grade 2-3 class each year during Read In Week, a campaign to support literacy.

"I wouldn't have had any of that without an education," Bob observes as he talks about his many rewarding years in the work-

force and his ability to help family members and engineering students obtain a good education.

The "lifesaver" event that occurred when he was just 20 years old has remained front and centre in Bob's mind all through the decades. He has never forgotten that he was given a second chance at his studies, and he has retained his first-hand knowledge of how a lack of money can present huge barriers for a university student.

Bob and Betty clearly feel a sense of accomplishment in having made an arrangement to give something back to an institution that has played a significant and positive role in their lives.

"I thought it was a good thing to do," Bob says.



Dean Wilson (1929-46)

## How the Comfort Gift Works

In 1993, Bob and Betty Comfort purchased a life insurance policy, making the University of Alberta both a 10 percent owner and a beneficiary.

The Comforts pay the annual premium for 10 years.

Each year, the Comforts receive a receipt for tax purposes for the 10 percent attributable to the University.

The insurance policy is payable to the beneficiaries upon a "last-to-die basis."

The proceeds will be "endowed," which means they are held in perpetuity for the purpose of providing annual bursary funds to fourth-year mining engineering students (\$2,000 per student).

## Other Gift Planning Options

A wide range of gift planning options are now making it possible for increasing numbers of alumni and friends to provide for the future of the University of Alberta.

These options include:

- Life Insurance and Life Insurance Products
- Bequests by Will
- Charitable Remainder Trust
- Gifts of Residual Interest, including real estate and works of art
- Gifts of stocks and bonds
- Residue of Registered Retirement Funds

People who give back to the University of Alberta through a provision in their estate plan become members of the **Quaecumque Vera Honour Society**, a group set up especially to recognize donors' forethought and valuable contribution.

For more information about the Gift Planning program and how you can make a difference, please call (780) 492-4418 or visit [www.giving.ualberta.ca](http://www.giving.ualberta.ca).



# How did you get my number?

## Your privacy and the Alumni Association



### Who has access to my information?

Only individuals working on behalf of the University, who have signed a non-disclosure agreement, and who have a specific need to see it, have access to your personal information.

### Does the Alumni Association sell its list?

No, it does not. Even with our affinity service partnerships, no information is released directly to our partners. The University is at all times responsible for safeguarding your information.

### What kinds of contact can I expect?

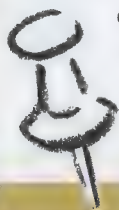
The Alumni Association and the University regularly contact alumni by mail, phone, and e-mail on matters we think would be of interest to our members. For example, *New Trail* is mailed out to all alumni, free of charge, for life. Our electronic newsletter, *e-trail*, is e-mailed monthly. Invitations to reunions and events are also sent regularly.



Other contact could include mail, phone calls, or e-mail to select alumni about our travel, insurance, and credit card programs. The University's Student Calling Program has current students contacting alumni about news, events, and fund-raising opportunities. Our office might also contact you if a former classmate would like to reconnect—again, no information is released without your permission.

### I prefer not to be phoned. I only want certain kinds of mail. What can I do?

Just contact us and let us know. It is our responsibility to ensure your information is accurate and treated according to your wishes.



### Why are you calling me about insurance or credit cards anyway?

Without alumni participation in our Affinity Services, your Alumni Association would not be able to provide its remaining programs for alumni and students. These include scholarships and awards, free online community services, alumni education programs, events from rural Alberta to cities overseas, and our annual Reunion Days.

An all-volunteer Alumni Council, made up of alumni from every faculty, carefully reviews these services and also decides how the revenue is spent. But it is your participation that makes all the difference.

For more information on our affinity partners, please turn to our ad on page 10, contact us at 1-800-661-2593, or go online to [www.ualberta.ca/alumni](http://www.ualberta.ca/alumni)



To read a full privacy statement, please visit [www.ualberta.ca/alumni/privacy.html](http://www.ualberta.ca/alumni/privacy.html)

**For more information, or to make changes to your record, please contact the Alumni Association at 1-800-661-2593.**

We can also be reached at (780) 492-3224, by fax at (780) 492-1568, via e-mail at [alumni@ualberta.ca](mailto:alumni@ualberta.ca) or visit <http://www.ualberta.ca/alumni>



# trails

Following the Footsteps of University of Alberta Alumni



Carmel, 21 x 29 inches

Retiring from his career as a microbiologist in the pharmaceutical industry allowed Maxwell Nimeck, '55 BSc(Pharm), '57 MSc, to plunge full-time into his passions of painting, sculpture, and gardening. In addition to indulging in these creative pursuits himself, Nimeck teaches both beginning and intermediate watercolour for North Brunswick Continuing Education in New Jersey. "Growing up on the prairies, my trip to the ocean was a thrill. The California coast is especially beautiful," he says. "Both the medium of watercolour and the momentary changes of ocean are challenging. I paint as directly as possible, trying to capture the changes in mood and light."

*Carmel recently earned Nimeck a place in the 34th annual juried exhibition of the Garden State Watercolour Society. He has also been involved in other state exhibitions.*

## REFLECTIONS



Being on campus recently reminded me of my time at the University and the profound affect on my life that those days

had. The cold, dark mornings when I walked to class. The arrival in Tory or 'V' Wing, coats slung over the backs of chairs, florescent lighting, wet and gritty floors, Shakespeare, Chem. and trying to write on those tiny, flip-up arm-rests. Then leaving the building to emerge into a brilliant, blue sky prairie morning, walking on creaky snow to the next class or, with expectation, to SUB or CAB to see who might be there for coffee.

In reminiscing, I realized that over the years, we all join and ultimately drift away from or even leave behind many things, like exercise classes, fraternities, study groups, volunteer organizations, or teams. But the University is different. You always belong to it and you are always welcome. As an alumnus, you are never forgotten. Your degree designation is your key to the library, the bookstore, the on-line community, visits to your faculty and reunions. It is also your uncancellable membership card that lets you visit part of your past.

You owe it to yourself to make a return visit to campus and to once again experience that incredibly warm feeling of belonging.

Have a Happy Holiday and remember that there is always one place where you will be welcomed, forever.

**Gordon E. W. Barr Q.C.**  
'72 BSc, '74 BA, '77 LLB  
Alumni Association President



## SALUTE TO VOLUNTEERS

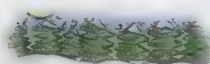
The past-presidents of the Alumni Association came together on 27 November for their annual Christmas party. This event brings together exceptional past leaders who have built the foundation of the Alumni Association and who have grown and shaped the organization to be one of the strongest in the country.

The Alumni Association has been fortunate to have been influenced by these visionary and passionate leaders.

Albert E. Ottewill†, '12 BA, '15 MA, 1915-16, 1917-18, 1927-28  
William R. Rowson†, '15 BA, '16 LLB, '47 LLD (Honorary), 1916-17, 1919-21  
Charles Carswell†, '15 BA, 1918-19  
J. D. O. Mothersill†, '16 BA, 1922-23  
John T. Jones†, '22 BA, '26 MA, 1924-26  
Stella E. Russell (Ruttan)†, '12 BA, 1926-27  
Alan B. Harvey†, '19 BA, 1928-29  
W. Fulton Gillespie†, '14 BA, '21 MA, 1929-30  
Laurance Y. Cairns†, '12 BA, '55 LLD (Honorary), 1930-31  
George D. Misener†, '12 BA, '22 MA, 1931-32  
Henry A. Dyde†, '16 BA, '65 LLD (Honorary), 1932-33  
J. R. Drysdale†, '12 BA, 1933-34  
Roy C. Jackson†, '15 BA, 1934-35  
Henry J. Wilson†, '15 BA, 1935-36  
Francis S. McCall†, '12 BA, 1936-37  
Robert H. Dobson†, '11 BA, '14 MA, 1938-40  
G. Brown Sanford†, '20 BSc(Ag), 1940-44  
Hugh J. MacDonald†, '21 BA, '23 LLB, 1944-46  
William H. Swift†, '24 BA, '27 MA, '30 BEd, '68 LLD (Honorary), 1946-49, 1953-54  
Barclay W. Pittfield†, '34 BSc(Eng), 1949-50  
C. Agnus McGugan†, '29 MD, 1950-53  
J. C. Kenneth Madsen, '39 BCom, 1954-55  
F. Rodney Pike†, '36 BA, 1955-57  
John W. Chalmers†, '32 Dip(Ed), '35 MA, '41 MEd, '90 MA, 1957-58  
Tevie H. Miller†, '49 BA, '50 LLB, '91 LLD (Honorary), 1958-59  
Bruce A. Burgess, '48 BSc(Eng), 1959-60  
S. Robert Rogers, '49 BSc(Pharm), 1960-61  
Haughton G. Thomson, '37 BCom, 1961-62  
Donald R. Stanley†, '40 BSc(Eng), '88 DSc (Honorary), 1962-63, 1964-65

A. Venor Calhoun, '51 BSc, '53 DDS, 1963-64  
John E. Bradley, '40 MD, '72 LLD (Honorary), 1965-66  
George Ross†, '38 BSc(Eng), 1966-67  
Bruce C. Whittaker†, '36 LLB, 1967-68  
Douglas C. Ritchie†, '38 BSc, '41 MD, 1968-69  
C. Les Usher, '49 BSc(Ag), 1969-70  
Norman A. Lawrence, '41 BSc(Eng), 1970-71  
Constantine A. Kosowan, '50 BA, '51 LLB, 1971-72  
Arthur J. Anderson†, '41 Dip(Pharm), 1972-73  
Cyril J. McAndrews, '50 BSc(Ag), 1973-74  
Garth Fryett, '48 BSc, '52 LLB, 1974-75  
Wilson G. Sterling†, '53 BSc(Eng), '60 MSc, 1975-76  
Bernard S. Adler, '57 DDS, 1976-77  
Arthur M. Arbeau, '49 BSc, '53 BEd, '64 MEd, 1977-78  
Robert J. Edgar, '55 BSc(Pharm), 1978-79  
F. Morris Flewelling, '64 BEd, 1979-80  
W. Dave Usher, '49 BSc(Eng), 1980-81  
Jean E. Mucha, '65 BEd, '79 MEd, 1981-82  
Frank Kozar, '56 BEd, '63 BA, '67 MSc, '69 PhD, 1982-83  
Edward R. Wachowich, '53 BA, '54 LLB, 1983-84  
Robert J. Heyworth, '70 BSc, '71 Dip(Ed), '77 MEd, 1984-85  
Burt P. Krull, '66 BSc, 1985-86  
Ken H. Christensen, '76 BSc(Eng), '79 MBA, 1986-87  
M. Barbara Kozoriz, '58 BSc(HEC), 1987-88  
Reginald S. MacDonald, '77 BSc, '80 BA, '83 LLB, 1988-89  
Mariou Neufeld, '64 Dip(Nu), '65 BSc(Nu), 1989-90  
Marilyn Shortt, '71 MEd, 1990-91  
Christina A. Andrews, '86 MLS, 1991-92  
Grant H. Smith, '68 BCom, 1992-93  
Bryun W. Sigfstead, '67 DDS, '73 Dip(Dent), 1993-94  
James W. Beckett, '73 BSc(Eng), 1994-95  
Lloyd E. Malin, '65 BA, '70 LLB, '03 LLD (Honorary), 1995-96  
Maury G. Van Vliet, '61 BSc, '64 LLB, 1996-97  
Peter J. Graham, '66 BCom, 1997-98  
Ralph B. Young, '73 MBA, 1998-99  
Lucille R. Walter, '63 BEd, '77 Dip(Ed), 1999-2000  
D. Bruce Bentley, '80 BCom, 2000-02

† deceased



## evergreen

### Call for nominations

The University of Alberta Dental Alumni Association (DAA) requests nominations from alumni for its annual Outstanding Achievement Award.

Categories that may be used in the selection process include professional or academic achievements, contributions to the profession, exceptional community involvement, service to society, or welfare of others.

Please forward the name of someone you would like to nominate, by 16 January 2004, to Dr. Rick Beauchamp, DAA, 6th Floor, General Services Building, University of Alberta, T6G 2H1.

### Reunion 2004

Each year, the Office of Alumni Affairs coordinates the University's annual Reunion Days in October. Reunion is an opportunity for alumni to renew their ties to the U of A and to reconnect with friends and colleagues from their time on campus. It is also a time for the University of Alberta to welcome back its alumni and give them an opportunity to learn about new developments in their faculties and see how things have changed and grown.

If your graduation year ends with a '4' or a '9', you will be celebrating a special anniversary next year. Be sure to come out and share in the celebrations.

"Making Reunion Days an interesting and fun-filled event is our top priority," says Tracy Salmon, '91 BA, '96 MSc, the coordinator of Alumni Special Events. But its success wouldn't be possible without the help and enthusiasm of alumni volunteers.

One way to get involved is to become a class organizer.

The Office of Alumni Affairs is looking for alumni who are interested in taking an active role in planning a memorable reunion for their class.

For information about becoming a class representative, or for information about Reunion 2004, contact the Office of Alumni Affairs at (780) 492-6075 or toll-free in North America at 1-800-661-2593.

### More alumni activities Down Under

The Office of Alumni Affairs wants to plan alumni activities in Australia and New Zealand for April 2004.

To help with the planning, the office sent out surveys in November to the more than 600 alumni known to live in those two countries. The survey is also available online at [www.ualberta.ca/alumni/ausnzsurvey](http://www.ualberta.ca/alumni/ausnzsurvey).

Feedback received from the surveys will be tabulated in January and used to help determine the types of alumni events that will be planned.

Keep your eye on the Alumni Branches website ([www.ualberta.ca/alumni/branches](http://www.ualberta.ca/alumni/branches)) in February to find out what they have planned.

### National Championships

The Golden Bears and Pandas are currently competing to get to national championships in Fredericton, Halifax, Montreal, Quebec City, Saskatoon, St. Catharines, Toronto, Windsor, and Winnipeg in late February or March 2004. Watch for information or contact Derek Shybunka at 1-800-661-2593 for possible receptions planned around games in your city.





## 60th Anniversary Celebration

UNIVERSITY OF ALBERTA  
MIXED CHORUS

### Mixed Chorus to celebrate 60 years

On 6 March 2004, alumni of the University of Alberta Mixed Chorus will gather in Edmonton for a two-day 60th-anniversary celebration.

The organizing committee for this celebration is planning a number of events that will take place throughout the weekend, giving Mixed Chorus friends from days gone by the opportunity to gather and renew connections. The weekend will culminate with a performance by the Mixed Chorus at the Winspear Centre for Music.

The Mixed Chorus Alumni Association is gathering memories and anecdotes from choir members with the intention of producing a commemorative booklet to mark the anniversary celebration.

Choir alumni are asked to jot down and send in their favourite memories about tours, rehearsals, concerts, and conductors. There is a list of suggested topics, also available as an e-mail questionnaire. You can contact Tara Strudwick in the Office of Alumni Affairs by e-mail at [tara.strudwick@ualberta.ca](mailto:tara.strudwick@ualberta.ca) or by telephone at (780) 492-2896 or toll-free in North America at 1-800-661-2593.

The booklet will not be complete without a good selection of photographs. Alumni are encouraged to submit candid photographs or group shots that would be suitable for publication.

So that all submissions can be scanned and returned, the

photographs should be clearly labelled with the name, address, and telephone of the owner, and an explanation of the contents of the photograph. Photos can also be submitted digitally.

Mail your photos to: Mixed Chorus Alumni Association, 6th floor, General Services Building, University of Alberta, Edmonton, AB T6G 2H1, ATTN: Tara Strudwick

### Alumni class representatives treated to U of A concert

On 1 December, the Alumni Association hosted a volunteer reception in conjunction with the Festival of Nine Lessons and Carols, held at the Winspear Centre for Music.

The concert, which is presented annually by the Department of Music and the U of A Mixed Chorus, and sponsored by the U of A Chaplain's Association, is a celebration of Christian Christmas traditions.

The Alumni Association offered complimentary concert tickets to all Edmonton and area class representatives. The volunteers were also invited to enjoy a pre-concert reception in the Founder's Room, featuring hors d'oeuvres, desserts, and information about the exciting adventures of the Alumni Travel Program.

"What a great way to start off the Christmas season!" said Douglas Shearer, '51 BSc(Ag), class representative of the Aggie Class of 1951.

The Alumni Association thank all its volunteers for their hard work and dedication to keeping alumni connected to the U of A.

## Alumni Events

Unless otherwise noted, for information contact the Office of Alumni Affairs at (780) 492-3224 or 1-800-661-2593 (toll-free in North America) or e-mail [alumni@ualberta.ca](mailto:alumni@ualberta.ca). For a complete listing of the 2004 branch events visit [www.ualberta.ca/alumni/branches](http://www.ualberta.ca/alumni/branches).

### Canada Branches

#### Grande Prairie, Alberta

##### March 2004

Annual Alumni Reception and Theatre Event  
Contact: David Graham at [david.graham@weyerhaeuser.com](mailto:david.graham@weyerhaeuser.com)

#### Lethbridge, Alberta

##### 4 March 2004

Annual Alumni Reception  
Guest Speaker: Dr. Franco Pasutto, U of A Dean of Pharmacy  
Contact: Beth Cook at [rmcb@telusplanet.net](mailto:rmcb@telusplanet.net)

#### Bonnyville, Alberta

##### 3 April 2004

Annual Alumni Brunch  
Guest Speaker: Dr. Franco Pasutto, U of A Dean of Pharmacy  
Contact Jennifer Lawton-Godziuk at [ljgodziuk@telus.net](mailto:ljgodziuk@telus.net)

#### Victoria, B.C.

##### 24 April 2004

Annual Alumni Brunch  
Guest Speaker: Dr. Ian Morrison U of A Dean of Agriculture, Forestry, and Home Economics  
Contact: Darcy Verschoor at [darcy.verschoor@rbc.com](mailto:darcy.verschoor@rbc.com)

#### Vancouver, B.C.

##### 25 April 2004

Annual Alumni Brunch  
Guest Speaker: Dr. Ian Morrison U of A Dean of Agriculture, Forestry, and Home Economics  
Contact: Jamil Ahmed at [jahmed@bcit.ca](mailto:jahmed@bcit.ca)

### USA Branches

#### Palo Alto, California

##### 29 January 2004

Alumni Dinner Reception hosted by the U of A Alumni Association, the Faculties of Engineering and Science  
Guest Speakers: Dr. Greg Taylor, U of A Dean of Science and Dr. David Lynch, U of A Dean of Engineering

#### New York, New York

##### 5 February 2004

Annual Alumni Skating and Pasta Party in Central Park  
Contact: Marilyn Parker at [parkerma@juno.com](mailto:parkerma@juno.com)

#### Phoenix, Arizona

##### 6 March 2004

Annual Alumni Brunch  
Guest Speaker: Dr. Breay Paty, Edmonton Protol/Islet team

Contact: Norm Nichol at (480) 396-4491

#### Los Angeles, California

##### 17 April 2004

All-Canadian Event at the Century Plaza Hotel and Spa hosted by Western University

### International Branches

#### Hong Kong, China

##### March 2004

U of A Invitational Bowling Night Championship  
Contact: Catherine Kwan at [ckwan@hkbu.edu.hk](mailto:ckwan@hkbu.edu.hk)

#### Hong Kong, China

##### 27 March 2004

Annual Hong Kong Reunion Dinner  
Guest Speaker: Dr. Rod Fraser, U of A President  
Contact: Catherine Kwan at [ckwan@hkbu.edu.hk](mailto:ckwan@hkbu.edu.hk)

#### Australia/New Zealand

##### April 2004

Alumni Receptions held in selected cities  
Watch the mail for details!

### Chapters

#### Dental Alumni Association

##### 5 March 2004

Pacific Dental Conference and U of A Alumni Reception at Fairmont Waterfront Hotel in Vancouver, B.C.  
Contact: Tara Strudwick at (780) 492-2896 or e-mail [tara.strudwick@ualberta.ca](mailto:tara.strudwick@ualberta.ca)

##### 27 May 2004

U of A Alumni Reception and 25th and 50th Anniversary Presentation of the Outstanding Dental Alumni Award  
Jasper Park Lodge  
Contact: Tara Strudwick at (780) 492-2896 or e-mail [tara.strudwick@ualberta.ca](mailto:tara.strudwick@ualberta.ca)

#### Mixed Chorus Alumni Association

##### 5 to 6 March 2004

Special 60th Anniversary Celebration Weekend, includes a performance at the Winspear Centre for Music  
For more details visit the Mixed Chorus website at [www.ualberta.ca/alumni/mixedchorus](http://www.ualberta.ca/alumni/mixedchorus)  
Contact: Tara Strudwick at (780) 492-2896 or e-mail [tara.strudwick@ualberta.ca](mailto:tara.strudwick@ualberta.ca)





# The sports doctor is in

*Sport psychologist Len Zaichkowsky sets the pace*

by Jodeen Litwin

Boston is a long way from Woking, Alberta, but Len Zaichkowsky, '66 BPE, made the trek, took a few risks, and in doing so has become one of North America's leading sport scientists.

"I must have some Christopher Columbus genes in me," says Zaichkowsky, a professor of education and medical science at Boston University. "I don't know what it is—moving from Northern Alberta, ending up in Boston—but I haven't stopped." Most recently, Zaichkowsky spent a semester in Australia, and his calendar is crammed with out-of-state speaking engagements.

Zaichkowsky's teaching career started in 1967 at William E. Hay High School in Stettler, Alberta. After two years of teaching classes and coaching school teams, he decided to pursue a master's degree in education at the University of Oklahoma. From Oklahoma, Zaichkowsky went to the University of Toledo, where he completed an interdisciplinary PhD, which allowed him to combine his two passions: sport and psychology.

When he finished his studies, Zaichkowsky admits that finding a job as a new graduate wasn't easy, at first. So, when a position for an assistant professor at Boston University opened up in 1973, he took it. "I thought I would come here for a year or two, get a little experience under my belt, then go back west. But it hasn't happened. I'm still here," he says with a warm, hearty laugh.

Since then, it's been a 30-year adrenaline rush for Zaichkowsky, who has kept the pace and reached the top echelons in the world of sport psychology. In addition to his work at Boston University (BU), Zaichkowsky is a licensed psychologist and a sport psychologist certified by the United States Olympic Committee and the



Association for the Advancement of Applied Sport Psychology. He provides consulting services to the BU Terriers hockey team and other university teams as well as the NBA's Boston Celtics. And last

year, he was the consulting sport psychologist for the NHL's Calgary Flames. When he mentions his work with the Flames, he jokes, "Yes, I went with the enemy for a year."

That's not all—every year, he also helps the Celtics with their draft picks. Although selection involves many components, one thing that Zaichkowsky looks for is mental toughness. "These are dogged individuals, very persistent, and have high achievement motivation," he says. "They take nothing more than personal excellence, being the best."

As he explains "mental toughness," Zaichkowsky has, in short, given a brief insight into his own character. Back in the early '70s, when he was starting out, the discipline of sport psychology was just emerging as a recognizable field of study. In fact, it wasn't until 1986 that the U.S. Olympic team was accompanied by an officially recognized sport psychologist. "It was a kind of a roll your own program," says Zaichkowsky, who forged ahead, pushing himself and the field of sport psychology forward.

"I think you should never stop learning and being educated across a number of disciplines," he says. "I try to stretch myself into psychology, education, neuroscience, and research design." Through his hard work, research, and dedication to promote the development of applied sport psychology, Zaichkowsky has emerged as

a leader. He is a highly sought after guest speaker, is often quoted in the media, and has edited and co-authored six books and 75 scientific papers.

With a long list of accomplishments, Zaichkowsky singles out being elected president of the Association for the Advancement of Applied Sport Psychology as a career highlight. "It was important for me that my peers felt that I could lead the field," he says. As president from 1996 to 1999, Zaichkowsky made great strides to improve the quality of training and education for young people interested in the field, an area he continues to work on at BU.

**"I think you should never stop learning and being educated across a number of disciplines."**

"This is my next big mission," he says. "To provide students with a good grounding in psychology, sport science, neuro-

science, and con-

selling skills, so that when I leave, BU will have a really strong training program that other schools can emulate."

The teaching component of his career is something Zaichkowsky takes very seriously. He was honoured to learn that he was nominated this year for Boston University's Metcalf Prize for Excellence in Teaching. When asked where his interest in teaching came from, he doesn't hesitate in responding. "The person who inspired me the most was Murray Smith at the U of A," says Zaichkowsky. "He was a genius teacher and coach." He says Murray, a U of A professor emeritus of physical education, had an incredible influence on him.

When it comes to sport psychology, Zaichkowsky says, "Those who are amongst the best are focused on achieving excellence, but they are also by-and-large very knowledgeable in a variety of fields. They are not afraid to learn from others in all areas of life, not just within sport." As he provides this description of elite athletes, it is easy to apply the same principles to Zaichkowsky. Since leaving his small northern Alberta hometown, Zaichkowsky has kept his focus on excellence. And he has achieved it. ■



## bookmarks

### Where the River Runs: Stories of the Saskatchewan and the People Drawn to Its Shores

Victor Carl Friesen, '75 PhD



*Where the River Runs* captures the drama of the frontier days on the Saskatchewan River, going back to the fur trade and focusing on famous explorers, scientists, artists, and writers in the area up to the time of agricultural settlement. (Fifth House, [www.fitzhenry.ca](http://www.fitzhenry.ca))

### You've Hit Menopause: Now What?

George Gillson, '85 PhD, and Tracy Marsden, '83 BSc, '86 BSc(Pharm)

This book discusses hormone replacement therapy through three simple concepts: assessment of symptoms potentially related to hormone imbalance, laboratory testing to confirm or rule out hormone imbalance, and restoration of hormone balance with bio-identical hormones. (Rocky Mountain Analytical, [www.rmalab.com](http://www.rmalab.com))



### Athabasca Seasons: A Memoir

Audrey Weldon Reid, '49 BEd, '70 Dip(Ed), '71 MEd

Reid's collection of short stories pays tribute to the comfort of family and the power of nature. Reid brings to life the memories of her childhood, which were spent on a farm in Depression-era Alberta. She also explores her adult life as a teacher, mother, and wife, and she discusses the rewards of retirement. (Shoreline Press, [www.shorelinepress.ca](http://www.shorelinepress.ca))

### The Witness Ghost

Tim Bowling, '97 MA

Bowling's fifth poetry collection traces his feelings of loss, bewilderment, and anger at the death of his father, a life-long B.C. salmon fisherman. The imagery and metaphor pay tribute to fatherhood, while exploring West Coast mythic history and beauty. (Harbour Publishing, [www.harbourpublishing.com](http://www.harbourpublishing.com))

### Cross-Cultural Encounters on the Ukrainian Steppe: Settling the Molochna Basin, 1783-1861

John R. Staples, '91 BA, '93 MA

Using a wide variety of sources, including local Ukrainian and Russian archives never before examined by a western scholar, Staples compares and contrasts how the Mennonites, Nogais, Russians, Ukrainians, and other groups adapted to environmental, economic, and administrative conditions in the Molochna Valley. (University of Toronto Press, [www.utpress.utoronto.ca](http://www.utpress.utoronto.ca))



### Fish Behavior in the Aquarium and the in the Wild

Stéphan Reebs, '85 MSc

Reebs provides an entertaining, yet scientifically grounded, look at what fish do and how they do it. From defending their young to telling time, fish display a variety of behaviours that may not be readily apparent to the casual observer. This book examines these behaviours, and, for some, offers simple experiments that can be performed by observers wishing to see for themselves how resourceful and interesting these creatures can be. (Cornell University Press, [www.cornellpress.cornell.edu](http://www.cornellpress.cornell.edu))



### Industrial Relations in Canada

Fiona A. E. McQuarrie, '95 PhD

This student-friendly text is a comprehensive introduction to the theories, issues, and processes that characterize contemporary Canadian industrial relations. With experience in both union and management, McQuarrie explores all sides of the complex and sometimes controversial issues of industrial relations. (John Wiley & Sons Canada, [www.wileycanada.com](http://www.wileycanada.com))



### Bob the Angry Flower: The Ultimate Book Of Perfect Energy!!!

Stephen Notley, '93 BA

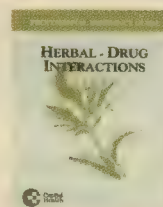


A perennial favourite... Edmonton's own anthropomorphized blossom broadens his emotional range and discovers love, passion, fear, and more. In Notley's fourth collections of cartoons, Bob deals with everyday situations and also encounters notable figures, such as Koffi Annan, Yasser Arafat, and a variety of sorted American politicians. Bob also makes way for the newest character, the Lovebot, and as a bonus offers *Bob's Quick Guide to the Apostrophe, You Idiots*. (Leftover Books, [www.angryflower.com](http://www.angryflower.com))

### Herbal-Drug Interactions

Robert Rogers, '71

BSc, in collaboration with the Capital Health Authority Using his 30 years of experience in herbal medicine, Rogers worked with a team of pharmacists to produce this reference book of the interactions of herbal medicines and pharmaceutical drugs. A comprehensive review of existing literature and research was done to produce this guide, which fills the niche created as more people turn to herbal medicines. (Capital Health Authority)



### Canadian Sport Tourism: An Introduction



Gerald Redmond, '72 PhD and Wayne Pealo, '91 PhD

This book examines the trends of the growing enterprise of sport tourism. The development of sport vacations, museums, halls of fame, and parks has led to new and burgeoning professions in Canada and around the world. (Recreation and Tourism Management Research Institute, Malaspina University College)



*there's nothing quite  
like being there...*

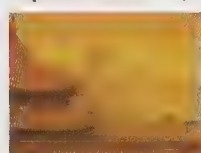
### **Ukraine: Cradle of Slavic Culture**

**May 7–21, 2004**

Visit the birthplace of Slavic culture with U of A history professor David Marples. We'll travel through the mountains on the west, across the vast central plains, and on to the beautiful Crimean peninsula as Dr Marples unravels the tumultuous history of Ukraine's fascinating past. From \$4,280 per person + air\*

### **China: Beyond the Great Wall**

**September 10–26, 2004**



See China in a different light with U of A professor Larry Wang, co-founder of the Ecological Conservation

Outreach Fund, which is involved in several projects in China. In addition to the tourist highlights, Dr Wang will take us to U of A ECO Fund projects and fascinating places off the beaten tourist track.

From \$5,765 per person + air\*

### **Bhutan: Land of the Thunder Dragon**

**September 18–30, 2004**

Bhutan is a tiny Himalayan Kingdom known to few outsiders. One of these is retired U of A professor A.K. Hellum, who was a forestry consultant there in 1988. Now that Bhutan is opening its doors to a slightly increased number of tourists, join Dr. Hellum on his return visit to a land



where growth is measured in terms of "gross national happiness." From \$5,325 per person + air\*

### **South Africa: Beyond the Garden Route**

**October 15–November 1, 2004**

Discover the Cape Floral Kingdom of South Africa with host Brendan Casement of the Friends of the University of Alberta Devonian Botanic Garden. We'll explore gardens, nature reserves, human fossil sites, and wildlife conservation centres. We'll also cruise in search of dolphins and whales and visit celebrated wineries.

From \$6,050 per person + air\*

\*Canadian dollars, based on double occupancy.

Visit [www.ualberta.ca/alumni/ed](http://www.ualberta.ca/alumni/ed) for more "Learning on Location" opportunities!

# Learning on Location

Alumni Association Travel Program

## Imagining Tuscany 2004

### **A photography workshop in the heart of Italy**

**May 3–11, 2004**

A wonderful educational experience for photographers of all skill levels.

*Imagine...* the sights and sounds of Tuscany — olive groves, fields of scarlet poppies, vineyards, centuries-old buildings, vibrant sunlight...

*Imagine...* good food, delightful wine, the comfortable accommodations of a historic hotel, the warm hospitality of a town that regularly opens its arms to visitors from the University of Alberta...



### **Included in the workshop:**

- instruction in the classroom and on location,

- excursions to neighboring towns and into the Tuscan countryside,
- eight nights' accommodation, including breakfasts,
- seven dinners at some of Cortona's best restaurants, and
- processing of two rolls of film per participant each shooting day.

### **\$2,725 per person**

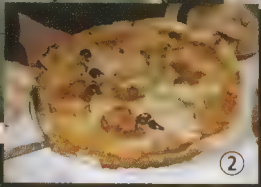
based on double occupancy  
not including airfare



For information or to register call (780) 492-1835 or toll-free 1-800-661-2593 in North America



## Scrapbook



1) Karen Hamilton, **Paul Sharek**, '69 BA, '70 LLB, Ian Mair, and **Virginia Sharek**, '67 BEd, '90 BA, enjoy tasting wine during the recent Foods & Gardens of Tuscany educational trip which also included great meals such as 2) pizza.

3) Over 60 people attended the Ottawa Branch event on 23 October, including **Arthur Kroeger**, '55 BA (a former Distinguished Alumni Award recipient), **Karen Wichuck**, '98 LLB, '95 MA, '94 BA (Director, U of A Government relations) and **André Albinati**, '93 BA.

4) **Rohit Sharma**, '91 MSc, '96 PhD, receives his Horizon Award from

president Rod Fraser at the Alumni Pride Awards, held 2 October.

5) Two alumni from the '53 Phys Ed class show off their "Block A" sweaters at the barbecue held during Reunion weekend, 2-5 October.

6) The Reunion weekend barbecue featured activities for all ages, such as this parachute game.

At a 15 November Basketball game in Vancouver, the Bears and Pandas were cheered on by many U of A fans including 7) Robin Hounflow, **Rich Farr**, '99 BDes, and **Roxanne Broadbent**, '03 BA and 8) **Jennifer Kook**, '01 BCom, **Sherri Killian**, '02 BA, and **Violet Holmes**, '99 BA.

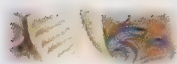
Spend your Saturday night on the right ...



Bears & Pandas  
Basketball in Vancouver  
University

Join alumni living  
who graduated betw  
f





## classnotes

**'49 Nick Taylor**, BSc, of Calgary, was recently appointed CEO for Softrock Minerals Ltd. Nick is the former leader of Alberta's Liberal party.

**'51 Hershel Samuels**, BSc, '53 MD, after interning at the U of A Hospital, headed to New York to completed his orthopedic surgical residency at the Hospital for Joint Diseases. "That lasted for four fascinating years, followed by almost 50 more years of practice—all of it in Brooklyn, and I'm still at it—although I don't operate any longer." Twice, Hershel was elected by his peers to serve as a member of the Board of Counsellors of the American Academy of Orthopedic Surgery. He was the chief of orthopedic surgery at the Jewish Hospital of Brooklyn, where the Rh factor was discovered. Hershel and his wife, Edith, have five children and two grandchildren.

**'53 Alan Bell**, BA, '55 BEd, '67 MEd, of Edmonton, was recently named Kappan of the Year by the U of A Chapter of Phi Delta Kappa. Alan was recognized for his work as president of the Canadian College of Teachers and for his active involvement with the Canadian Club of Edmonton, the United Church, the Masons, and the Shriners.

**'58 Robert Patterson**, Dip(Ed), '59 BEd, '61 MEd, after completing his PhD at Michigan State U, returned to the U of A, where he served as a faculty member until taking early retirement in 1992. He then moved to Utah, becoming dean of the David O. McKay School, until June 2003 when he retired. Robert and his wife, Belva, are now living in the BYU Jerusalem Centre for Near Eastern Studies, where they are on special assignment for a year as volunteers. Robert's main assignment is to engage in educational outreach activities with Israeli, Palestinian, and Christian communities.

**'60 James Stanford**, BSc(Eng), '00 LLB(Honorary), of Calgary, was recently appointed to Canada's Outstanding CEO of the Year™ Board of Directors for 2003 by the Caldwell Partners, CTV, and the *National Post*. James is president of Stanford Resource Management.

**'62 Harlan Hulleman**, BEd, '71 MA, of Red Deer, Alberta, was awarded a Queen's Golden Jubilee Medal in March 2003. Harlan was recognized for his advocacy on behalf of brain injury survivors in his role as president of the Central Alberta Brain Injury Society (CABIS). Today, Harlan is the past-president for CABIS.



MAA president Ron Gorshe, '85 PhD, '87 MD, (pictured left) and Eliot Phillipson

**Eliot Phillipson**, '63 MD, received the U of A Medical Alumni Association's Distinguished Medical Alumni Award in October at the MAA annual awards dinner. Phillipson, a leading expert in respiratory sleep disorders, is the Sir John and Lady Eaton Professor of Medicine and the chair of the medicine department at the U of Toronto.

**'63 Reginald Appleyard**, BA, of Edmonton was recently honoured with a 2003 Merit Award by the Institute of Chartered Accountants of Alberta.

**'64 Bernie Bradley**, BSc(Eng), of Calgary, was recently appointed to the board of directors of the Inter Pipeline Fund.

**Vinod Sinha**, MSc, a research fellow at Cytec's Research and Development Centre in Stamford, Connecticut, has received the company's Circle

of Excellence Award. Vinod was recognized for his engineering expertise that he contributed to the production team at Cytec's Antofagasta, Chile, plant.

**Eunice Wing (Gray)**, BEd, '81 Dip(Ed), recently retired after teaching Special Education, most recently with the Surrey School Board. Eunice and husband, Ray, have sold their home in White Rock, B.C., and have plans to travel—via motorhome—south for the winter and possibly visit family in Australia.

**'65 William Bennetts**, BSc(Pharm), retired in 2000 after a 35-year career that included stints in retail pharmacy, military pharmacy, pharmaceutical sales, and hospital pharmacy. "I'm enjoying my retirement and don't miss the daily rat race at all." William lives in West Kootenay, B.C. He invites classmates to send him an e-mail at [bennetts2@shaw.ca](mailto:bennetts2@shaw.ca).

**'66 Robert Carwell**, BCom, was recently appointed to the board of directors of Economic Development Edmonton.

**William Robertson**, BCom, of Calgary, was recently appointed to the board of directors of the Inter Pipeline Fund.

**Marlene Thompson (Klaue)**, BA, and **Lawrence Thompson**, '66

# The Armet

## R E P O R T

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BEd, '69 BA, are enjoying the West Coast seascape in Nanaimo, B.C. "We would enjoy hearing from University friends from the 1960s." Classmates can e-mail them at [albt@telus.net](mailto:albt@telus.net).

**'67 Christopher Clarke**, BSc(Eng), of Calgary, retired from professional practice as an engineer, but he continues to be active with a small international consulting operation in safety and environmental management.

**Grant Gillund**, BSc(Ag), '89 MAG, an agricultural and environmental consultant with Kenlund Consulting in Smoky Lake, Alberta, was recently appointed to the board of trustees of the Alberta Ingenuity Fund.

**Rajinder Seth**, MSc, '69 PhD, of Vancouver, recently received the Pulp and Paper Technical Association of Canada's John S. Bates Memorial Gold Medal in recognition of his long-term contributions to the science and technology of the industry.

**Carl Wilson**, MSc, of Vancouver, received the 2003 Robert F. DeGrace Award from the Canadian Wood Council at its annual general meeting held in May. This award recognizes Carl's technical achievements in advancing the use of wood as both an engineering and construction material.

**'68 John Feick**, PhD, of Calgary, was recently appointed to the Alberta Electric System Operator board of directors.

**Havelock Madill**, BSc, '72 LLB, of Edmonton, recently joined the law firm Brownlee Fryett as a partner.

**'70 Jim Mahender Reddy**, PhD, received the best teacher award in 2002 from Osmania U, one of the largest universities in India with a student population of 250,000. Jim lives Hyderabad, India.

**'71 Doug Craig**, BA, of Victoria, is semi-retired as principal with Boucock Craig Wong Architects. Doug is currently working on architectural commissions in Belize, Central America, and on an inter-



**Raymond Douziech**, '76 Med, '81 PhD, was recently elected to the Redemptorist council in Rome. Father Raymond will serve as the North American representative on the general council for the congregation, and he is one of six consultants to the superior general. The congregation ministers in 77 countries, and Douziech will represent approximately 1,000 Redemptorists in North America on the governing council. Previously, Father Raymond was the secretary general of the Redemptorist Congregation in Rome. When in Edmonton, he was an associate pastor at St. Alphonsus Parish. He was also an assistant professor at Newman College and St. Stephen's College.

pretive centre in Sparwood, B.C. Recently, Doug held a premier art show of his glass blowing.

**Don Hickey**, BSc(Eng), U of A vice-president (facilities and operations) was recently appointed to the board of directors of Economic Development Edmonton.

**'72 David Magee**, BSc(PT), '75 MSc, '80 PhD, of Edmonton, was recently awarded the Medal of Honour by the Alberta Medical Association. David is a U of A professor of physical therapy.

**Sandy Rennie**, Dip(RehabMed), '76 BSc(PT), 85 MSc, '02 PhD, recently became the president of the Canadian Physiotherapy Association, a national organization of about 9,000 members across Canada. Sandy, a U of A associate professor of physical therapy, will hold this voluntary position for a two-year term. Another milestone—Sandy recently completed his PhD in Educational Administration and Leadership.

**Dale Schulha**, BPE, '74 Dip(Ed), '74 MSc, of Edmonton, was appointed associate vice-president, university advancement, of the U of Lethbridge in June 2003. Previously, Dale was the director of development and alumni affairs in the Faculty of Physical Education and Recreation at the U of A.

**'74 Donald Chorley**, BSc, of Coquitlam, B.C., was recently appointed as a principal with Golder Associates Ltd.

**Jim Gillespie**, BCom, of Edmonton, was recently appointed to the board of Economic Development Edmonton.

**James Lergessner**, PhD, retired from academic life in February 2003. Most recently, James was in charge of the Business Foundation Program at Queensland University of Technology in Brisbane, Australia.

**Gerald Protti**, BA, was recently appointed chair of the Canadian Chamber of Commerce board of directors. Gerald resides in Calgary.

**'75 Grant Hurlburt**, BA, '77 BSc, recently became a faculty member in the biology department at California State U.

**'77 Donald Makowichuk**, BSc(Pharm), of Edmonton, was recently appointed president of the Alberta College of Pharmacists for the 2003-2004 term.

**Ken Soneff**, BSc(Eng), recently moved to Kamloops, B.C., as manager of the Forest Sciences Section for the B.C. Ministry of Forests. Ken is proud of his son, Steve, who is studying engineering at the U of A and recently was the recipient of the U of A Presidents' Citation.

**Patricia Trudeau**, BEd, of St. Albert, Alberta, recently published her first novel, *Bodies on Belmont Drive*. Patricia received two gold medals for poetry and humorous non-fiction in the creative writing competition at the 2003 Alberta Senior Games in Fort McMurray, Alberta. She also received the Open Category Award for *Circus*, a mixed-media painting, at the 2003 ACACA province-wide exhibition; a silver medal for her oil painting, *Lady's Slipper*; and a bronze for *Weeping Birch* at the 2003 Alberta Senior Games Visual Arts Competition.



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**'78 Ann Kiteley-Hrabok**, MEd, is working on her master's degree in educational technology at the U of Saskatchewan and continues to work for the Saskatchewan Institute of Applied Science and Technology, Kelsey Campus. Ann's research includes institutional professionalism, the psychological contract, and the generational nature of employment relationships.

**Dwayne Kalynchuk**, BSc(Eng), '91 MEng, of St. Albert, Alberta, was recently appointed senior consultant in the Edmonton office of Stantec. Dwayne is actively involved in governance roles with positions on the board of directors of the United Way Capital Region, the National Guide to Sustainable Municipal Infrastructure, and the American Public Works Association. In August, he was named president of the American Public Works Association—the fourth Canadian to hold this position.

**'79 Bruce Bauman**, BEd, of Duncan, B.C., is a professional speaker, trainer, lifestyle coach,

and consultant specializing in personal wellness. Bruce's presentations focus on how "to live better each day." Practising what he preaches, Bruce has completed three Ironman Triathlons in addition to many marathons and long distance open water swimming events. He is an internationally sponsored athlete. To contact him e-mail [info@ironcanuck.com](mailto:info@ironcanuck.com) or visit [www.ironcanuck.com](http://www.ironcanuck.com).

**Wayne Hunter**, BEd, '88 MEd, is the chair of academic programs at Aurora College, Thebacha Campus in Fort Smith, N.W.T. The college has campus locations in Fort Smith, Yellowknife, and Inuvik, as well as learning centres throughout the region.

**'80 Joanna Pawlyshyn**, MHS, of Edmonton, was recently appointed to the Royal Alexandra Hospital Foundation board of directors for the 2003-2004 term.

**'81 Anne Givens**, BSc(Nu), retired as director, Health System Support Branch, Alberta Health, and Wellness in June 2002.

**Adam Grosser**, BSc(Eng), lives in Fort Collins, Colorado, and is "loving the climate." As the international sales manager for a lighting protection engineering consulting company, Adam travels to Latin America, Asia, Africa, the Middle East, and Europe. "Life is exciting!"

**'82 Laurel Borisenko**, BEd, '91 MEd, is beginning a two-year Mennonite Central Committee assignment in Burkina Faso, Africa, as a country representative.

**Mitchell Moroziuk**, BSc(Eng), '89 MBA, and **Jayne Geddes**, '85 BA(RecAdmin), '89 BSc(Nu), after 14 years in Whitehorse, have moved to Penticton, B.C. Mitch is a director of engineering and development, and "Jayne will start looking for work once she and the kids assess the beaches."

**'83 Linda Banister**, BCom, '87 MPM, principal of Banister Research and Consulting Inc., recently received the 2003 YWCA Woman of Distinction Award in the category of business, management, and the professions. This

## Faculty of Science University of Alberta Announcements

### Faculty of Science Research Award

We are seeking nominations for the Faculty's most promising young scientists for this annual award, which recognizes outstanding research achievement. Nominees must have obtained their doctorates in 1992 or later.

**Deadline:**  
**January 15, 2004**

For details of eligibility and conditions, please contact:

Dr. Bill Samuel  
Associate Dean  
(Research)

E-mail: [bill.samuel@ualberta.ca](mailto:bill.samuel@ualberta.ca)  
(780) 492-3169

• • • • •

### Faculty of Science Award for Excellent Teaching

We are seeking nominations from students and departments in the Faculty of Science for this annual award for individuals with outstanding qualities in undergraduate teaching.

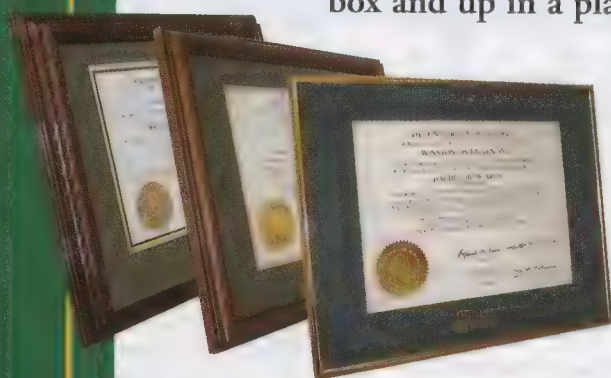
**Deadline:**  
**January 23, 2004**

For details of eligibility and conditions, please contact:

Dr. W. J. Page  
Associate Dean  
E-mail: [bill.page@ualberta.ca](mailto:bill.page@ualberta.ca)  
(780) 492-9452

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award is given annually to a business leader for significant contributions to the profession and the community as a whole. Linda lives in Edmonton.

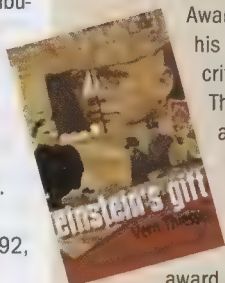
**Darrell Bartlett**, BCom, after receiving his CA designation, entered the investment industry. His first "tour of duty" in the Bahamas was from 1990 to 1992, when he worked for a CA firm. Recently, he has returned to the Bahamas in Nassau, where he is an investment advisor with RBC Dominion Securities. "My wife, Gwen, and our two sons, Dylan and Zachary, love it here and we would love to hear from other alum who have made their way to the Caribbean." His e-mail address is [darrell.bartlett@rbc.com](mailto:darrell.bartlett@rbc.com).

**'85 Barry Heck**, LLB, of Edmonton, was recently appointed president and CEO of Westaim Corporation.

**Karen Scribner**, BCom, recently transferred from Prince George, B.C., to Grande Prairie, Alberta, where she works as a human resources coordinator with Canadian Forest Products Ltd.

**Vern Thiessen**, '92 MFA, has won Canada's top literary honour—the Governor General's Award. Vern took the drama award for his play, *Einstein's Gift*, produced to critical acclaim at Edmonton's Citadel Theatre earlier this year. The play is an historical drama about the relationship between two famous German scientists—Einstein and Fritz Habber—at the turn of the century. It is described by the award jury as "well-crafted, intelligent, thought-provoking, accessible, and relevant, resonating far beyond the final page."

Speaking from the celebrations at the Governor General's residence in Ottawa held on 12 November, Thiessen was thrilled. "... the Governor-General's office treats you like rock stars. The great honour, of course, is to be the first drama award from Edmonton, and to be in the esteemed company of all the people who have won in the past."



**'86 Ellen Patterson (Osmok)**, BSc(Pharm), of Lindsay, Ontario, recently logged 60 km in the Weekend to End Breast Cancer event held in Toronto on 19 to 21 September. More than \$12 million was raised for breast cancer research at the Princess Margaret Hospital. Ellen did this walk in mem-

ory of her mother and for the future of her daughter, nieces, and sisters.

**'87 James Barry**, BSc, recently received his certification as a specialist in Blood Bank (American Society of Clinical Pathologists) and has started his dream job as the senior reference laboratory specialist at ImmucorGamma's Houston location in August. "Miss the cold and the ice on the roads!"

**Marc Croteau**, BA, recently moved to Frankfurt, Germany, where he works as a consultant in financial technology for Comit Gruppe.

**Lee Kruszewski**, BSc(Eng), '90 MEng, and **Maria Kruszewski (Prediger)**, BEd, of Edmonton, recently found the right home and moved this summer. Currently, Lee is working for Alberta Innovation and Science, and Maria is at home with their three daughters, unpacking boxes.

**Thomas Trofimuk**, BA, of Edmonton, recently won the Georges Bugnet Novel of the Year Award at the 2003 Alberta Book Awards for his novel, *The 52nd Poem*. His novel also received the Manuela Dias Book Design of the Year Award from the Manitoba Writing and Publishing Awards and won the 2003 City of Edmonton Book Prize.

**'88 Catherine Cole**, MA, of Edmonton, was recently appointed

An actor, screenwriter, director, and theatre educator, Vern graduated with an MFA in playwriting, a program which no longer exists. "Obviously I'm very proud to be a graduate of the University of Alberta," he said. The MFA program "was instrumental in my career. I'd written plays before that, but it was key in connecting me with the theatre community, and it also allowed me to learn how to teach."

Vern is now working on an adaptation of *Wuthering Heights* and a play for the local Free Will Players Shakespeare Festival called *Shakespeare's Will* about the Bard's wife, Anne Hathaway. He has previously won the Sterling Award for *Apple*, as well as awards in the Canadian Jewish Playwriting Competition and Alberta Playwriting Competition.



Nicholas Seiflow

— Geoff McMaster

to the Heritage Canada Foundation Board of Governors.

**Scott Smith**, BSc, of Lima, Peru, is a senior geologist at the Antamina Mine. In August, Scott celebrated the birth of his first son, Matthew. "Both Matt and mother, Leslie, are great."

**'89 Joann Seccafien (Sarauer)**, BA, of Edmonton, is helping organize Queen Alexandra School's 100th anniversary, which will take place in 2006. Joann and Ruth Blakey are looking for volunteers to help find people, or their relatives, who attended Queen Alexandra as a school or university—the first U of A classes where held at Queen Alexandra. For more information or to help out contact Ruth at [ruth-blakey@epsb.ca](mailto:ruth-blakey@epsb.ca).

**'90 Ria Ames**, BPE, of Edmonton, is a professional staff consultant at Staff Bureau, a company that specializes in recruiting temporary and permanent staff.

**Rodd Thorkelsson**, BA, '94 LLB, of Edmonton, recently joined the partnership of the law firm Brownlee Fryett.

**Kevin Gnida**, BSc(Nu), and **Sara Gnida (McCallum)**, recently began a two-year Mennonite Central Committee assignment in China as teachers with the China Educational Exchange. They have three children, ranging in ages from 10 to 3.



## Nominations for Chancellor

The University of Alberta invites nominations for Chancellor to serve four years commencing June 11, 2004.

The Chancellor serves as the titular head of the University, is chair of the Senate, serves as a member of the Board of Governors, represents the institution at all ceremonial occasions and confers all degrees. The Chancellor is a volunteer who acts as a key liaison between the University and the community and represents the public interest in the University.

Nominees must be Canadian citizens or landed immigrants, should have a fundamental passion for education, demonstrate a love of learning and knowledge, have a genuine interest and sensitivity toward individuals from all walks of life, possess outstanding leadership and communication skills, have strong links with many communities and organizations and be able to devote adequate time to the considerable duties involved.

Nominations should be received by 4:30 pm on February 23, 2004 and addressed in confidence to: Chair, Search Committee for Chancellor, The Senate, 150 Assiniboia Hall, University of Alberta, Edmonton, AB T6G 2E7.

For further information contact the Senate Office at:  
Phone: (780) 492-2268 E-Mail: [senate.office@ualberta.ca](mailto:senate.office@ualberta.ca)  
Fax: (780) 492-2448 Web Page: [www.ualberta.ca/senate](http://www.ualberta.ca/senate)



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**'91 Dorene Bateman**, BCom, of Edmonton, was recently appointed to the board of directors of the Royal Alexandra Hospital Foundation.

**Patrick Callaghan**, BSc, recently moved back to Edmonton with his family—which includes three daughters all under four—from Toronto, where he was working as a CMA. Patrick is now at Great West Publishers as a controller.

**Alvin Chow**, BCom, recently accepted the position of account manager at CanWest Media Sales. Alvin and his family are relocating to Vancouver.

**Colin Fetter**, BCom, '94 LLB, of Edmonton, recently joined the law partnership of Brownlee Fryett.

**Eugene Mah**, BSc, '96 MSc, is on the move again. In October, Eugene joined the Digital Imaging Research Division at Duke U as a research associate. "It's a bit of a departure from being a clinical medical physicist, but one I'm looking forward to."

**'92 Peter Augustin**, BCom, of Edmonton, is working for Enbridge as an ORACLE System administrator, and **Tracy Renz Augustin**, '93 BA, is on maternity leave from the federal government. The couple had a son, Erich, in May 2003.

**Rodney Girard**, BA, recently joined the Edmonton law office of Davis & Company.

**Joanna White (Ross)**, BCom, of Bondi, New South Wales, is the executive director of the Australia Charities Foundation. U of A trivia—Joanna is the all-time high scoring Pandas basketball player.

**Debbie Yee (Hall)**, BA, recently joined the U of A Office of Alumni Affairs, where she is the assistant, alumni education. Debbie is married to **Jerry Yee**, '94 BSc, founder of EMSTAR Software Development. The couple and their two-year old son, Julian, reside in Edmonton.

**'93 Scott Chen**, BSc, '96 LLB, of Edmonton, was recently appointed a partner with the law firm Emery Jamieson.

**'94 Donna Alden-Bugden**, BSc(Nu), is working as a women's health nurse practitioner in Winnipeg. She completed her masters of nursing in 2003. Her husband, Al, is with the Canadian Air Force and the couple is expecting their second child in January 2004.

**Heather Falkenstein**, BEd, has been with Edmonton Public School Board since graduation. She is at Tevie Miller Heritage School in the early education program. She is married with two children.

**Beverly Himick**, PhD, is a forensic scientist with the Washington State Crime Lab in Seattle. "I've been involved in solving current cases and cold cases, including the Green River serial homicides, and it's very rewarding to know that you are helping society through science."

**Lisa Hunka**, BSc(Forest), of Edmonton, is a corporate marketing coordinator with Timberline Forest Inventory Consultants. A career highlight—she recently completed her MBA from Athabasca U.

**Bindi Karia**, BCom, '96 BA, of London, England, is working as a

business development manager at Trayport Ltd, a software company recently recognized by the *Sunday Times* Tech Track survey as the fastest growing profitable software company in the U.K.

**'95 Cynthia Martens (Grout)**, moved to New York in August 2003, where she is pursuing her master's degree in law at New York U. Cynthia will be focussing on comparative civil litigation issues, constitutional law, and legislative policy.

**Monty Nelson**, MEd, '99 PhD, of Edmonton, is an U of A adjunct professor of educational psychology. Monty also works in private practice as a chartered psychologist.

**Barbara Smallwood (Bjoern)**, BSc(Ag), her husband, Peter, and son, Thomas, recently moved to Western Australia near Mullena. Barbara was expecting her second child in August.

**'96 Steven Lenarduzzi**, BSc(Eng), is the manager, project development, at the Edmonton office of Stuart Olson, a construction management company.

**'97 Lori Bonnett**, LLB, of Edmonton, recently joined the office Davis & Company in the area of corporate, commercial and environmental law.

**Rahul Kulshrestha**, BSc, '03 DDS, of Edmonton, has joined the Affinity Dental Group in Mayfield Common Mall.

**Gavin Mills**, BEd, of Calgary, was recently appointed as the first curriculum leader for humanities at Juno Beach Academy of Canadian Studies. Juno Beach is a new program offered by the Calgary Board of Education.

**Huy Nguyen**, BCom, recently joined the Edmonton law office Davis & Company in litigation.

**Lydia Pungur**, BEd, '92 BA, of Edmonton, is working on her master's degree in policy studies and is also a teaching assistant. "It's great to be back at the U of A after so many years."

**'98 Leanna Eaton**, BA, of Toronto, is the manager of Youth Programs for Warchild. She earned her MA from the U of T.

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## off the beaten path

**C**harlene Rooke (Yarrow), '91 BA, is making air travel a little more entertaining these days as executive editor of Air Canada's in-flight magazine, *enRoute*. With a worldwide monthly readership surpassing the two million mark, Rooke's job, in every aspect, truly is an international affair.

Now based in Montreal, Rooke trotted all over Canada before landing in Quebec, but knowing Rooke, this isn't her final destination.

Born in Edmonton and raised in St. Albert, Rooke decided early on that the best path to success is paved with education. Enrolling at the U of A in 1987 to pursue her English degree, Rooke also sought out history and film classes to round out her studies. Upon graduation, Rooke left for Ryerson Polytechnic University in Toronto to pursue a Bachelor of Applied Arts, with a major in magazine journalism. Coupled with full days, Rooke also signed up for busy nights at Ryerson by taking evening courses to obtain a Certificate in Magazine Publishing.

Although fully immersed in her studies in Toronto, her very first job

would lead her back to a familiar place. "When I moved to Toronto to attend Ryerson, I started receiving *New Trail* as an alumna, and I was impressed with its quality," says Rooke. "I contacted then-editor Rick Pilger—one of the best editors I've ever worked with—and on a summer visit to Edmonton I met with him and he offered me an internship."

With only a year of journalism school under her belt, the self-titled "newbie" took the job with zest and hunger. "I easily learned as much at *New Trail* as I learned during my two years of journalism school."

While at *New Trail*, and in preparation for the U of A's 75th anniversary celebrations, Rooke, along with Pilger, undertook some major archival research, which eventually led Rooke to pen *Edmonton: Secrets of the City* (Arsenal Pulp Press), one volume in a series of quirky Canadian city guides that are full of local legends and obscure trivia.

Eventually staying for just a little over three years, Rooke left *New Trail* as associate editor to take a job with the University of Calgary's alumni magazine. Through the industry grapevine, Rooke heard about an editor opening at Calgary's *Avenue Magazine*, marking Rooke's first foray into consumer magazines in 2000.

"We did some cutting-edge stuff and won many awards," proclaims Rooke. During her tenure at *Avenue*, the magazine was nominated for, and won, several awards, including Best Alberta Magazine at the Western Magazine Awards, and even garnered Rooke a nomination for best article for a human-interest piece

about a Calgary apartment building that burned down.

Working in tandem as an active freelance writer is how Rooke would journey on to her next adventure. Through pitching story ideas to *enRoute*, Rooke learned of the open executive editor position, and all the years of taking French classes at the U of A finally paid off.

**"I really think magazines have an important role to play in making people think about our culture and why we live the way we do."**

"Our [*enRoute*] office is bilingual, and because we are a bilingual magazine, everything is translated to the second language."

Immersed in a world of design, architecture, food, style, and fashion on a daily basis, the impact that a

magazine like *enRoute* makes is not lost on Rooke.

"I really think magazines have an important role to play in making people think about our culture and why we live the way we do," shares Rooke. "I believe every story and every issue of the magazine is a chance to teach readers something they didn't know or make them think about things differently. To me that is a very powerful idea and responsibility I take pretty seriously."

Whether talking to William Shatner or flying to Sao Paulo, Brazil, Rooke is always on the hunt for what will inevitably be the next great read. "I think storytelling is the driving force of communication in our culture, but if you don't make it go down smoothly, it won't be very palatable."

Currently working on further perfecting her French-language skills, suffice it to say that Rooke is stimulated, challenged, and happy. Well, at least for now.

"I think my biggest career moment is still to come," exclaims Rooke, a lofty goal considering what she has already achieved. "I would love to live in New York some day," she says.

"The *New York Times Magazine* and the *New Yorker*—a couple of my favorites—are looked at with a degree of seriousness we don't necessarily have in Canada. I'd like to be a part of that."

—Michaëlle LeManne

Marc Soto



On assignment—Charlene on a recent media trip to London at a dinner at the Lord Mayor's Mansion



## Alumni and Engineers without Borders, the Edmonton Chapter

Meaning and purpose are two things that we as young alumni commonly search for. Faced with a wide expanse of choices and opportunity following graduation, we ache to find "something" that will be more than just another inert career that will make little difference in the whole scheme of things.

University of Alberta alumni **Paul Slomp**, '03 BSc(Eng), **Khaled Saleh**, '01 BSc(Eng), and **Mathieu Wacowich**, '03 BSc(Eng), have all found that "something" in a non-profit organization called Engineers Without Borders (EWB). EWB is a Canadian non-governmental organization with charitable status that encourages the role of engineering and advances appropriate technology in the developing world.

The project that these three EWB members have in common is a water resource project in Guatemala. Currently, Mathieu is in Guatemala assessing the situations of several isolated communities that lack access to adequate drinking water sources. Following this assessment stage, EWB plans to implement a sustainable solution and impart technical knowledge to the people of the region so they can continue to enjoy clean water throughout the dry season and for many years to come.

"You get out what you put into the world," Paul concludes. "If you go out there and put all your effort into improving the lives of others, your life will suddenly come to have a whole new dimension of meaning."

If you are interested in helping out or getting involved in EWB, contact [ewbuofa@ualberta.ca](mailto:ewbuofa@ualberta.ca). Also, there is more information on this project available on the web at [www.ewb.ca/ualberta](http://www.ewb.ca/ualberta).

— Andrea Low  
'02 BSc(Eng)

**Kent Sutherland**, BMus, '98 BEd, of Edmonton, is the marketing and festival assistant for Jazz City International Music Festival—the longest running annual International Jazz Festival in Canada.

**'99 Pel Ling Chan**, BCom, '97 BSc, moved to Medicine Hat, Alberta, where she is the finance officer for Defense Research and Development Canada in Suffield. "I enjoy the hot and sunny summer here, but I do miss my family and my buddies in Edmonton."

**'00 Todd Coleman**, MBA, moved back to Vancouver in 2002 to start Cornerstone Partners

Business Development. Todd recently acquired an outdoor sports equipment distribution business. "Glad to be home, but miss Edmonton."

**Alison Stevens**, BA(Rec), is the aquatic coordinator at Recreation Oak Bay in Victoria. This spring, she travelled to England, Ireland, Scotland, and Italy. "I have a great job, great church, and a wonderful staff." Classmates can e-mail her at [astevens@oakbaybc.org](mailto:astevens@oakbaybc.org).

**Tanis Ursulak**, BCom, of Sherwood Park, Alberta, works for the pharmaceutical company Sampfo-Synthelabo Canada Inc. as a medical representative.

**'02 Dianne Conrad**, PhD, '91 MEd, '87 Dip(Ed), currently works as an assistant professor in the Faculty of Education at the U of New Brunswick. In August, Dianne was presented with the Charles Wedemeyer Award for Excellence in Research at the University of Wisconsin—Madison at the 19th Annual Conference for Teaching and Learning at a Distance.

**Craig O'Connor**, MBA, of Edmonton, recently purchased *PropertyGuys.com*, a for-sale-by-owner real estate franchise. He invites alumni to visit the site at [www.propertyguys.com](http://www.propertyguys.com)

**Melina Laboucan-Massimo**, '03 BA, of Edmonton was one of five Canadians chosen to work with TakingITGlobal, a Toronto based non-profit organization. TIG brings together young people within international networks to collaborate on concrete projects addressing global problems and creating positive change.

As an intern, Melina was placed with TakingITGlobal's partner organization Global Youth Action Network (GYANA) in Sao Paolo, Brazil. Melina is the South American Regional Coordinator and is helping to increase active participation on

the website through networking and outreach in Latin America and the Caribbean.

For the past three months Melina has been researching membership engagement in Latin America and the Caribbean.

"I have also been able to meet interesting Brazilian youth who are very aware, driven and passionate to make a difference in their country," she says. "I'm extremely excited that I have been given this opportunity to gain personal and international work experience through the various challenges of living and working abroad."



Melina (pictured centre) in the Sao Paolo office



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# In Memoriam

The Alumni Association notes with sorrow the passing of the following graduates:

'31 Ina Violet Begg, BSc(HEC), of Vancouver, in March '03

Cyril Pyrch, BA, '32 Dip(Ed), '42 BEd, of Edmonton, in June '03

'32 Morley Johnson Tuttle, BA, '37 MD, of Surrey, B.C., in July '03

'33 William J. C. Kirby, Dip(Ed), of Sidney, B.C., in June '03

'34 Leslie James Geake, BA, '43 Dip(Ed), '44 BEd, of Edmonton, in June '03

'35 Wilfred Emmet Doyle, BA, of Kelowna, B.C., in September '03

'37 Muriel May Meikle, Dip(Pharm), of Edmonton, in May '03

'38 Marion Georgene Arnold (Wight), BCom, of Edmonton, in August '03

Walter Falahy Atkins, BSc(Eng), of Ottawa, in August '03

Ellsworth Hartland Perlson, LLB, of Kelowna, B.C., in June '03

Vincent Charles Rideout, BSc(Eng), of Middleton, Wisconsin, in July '03

'39 Marian Elizabeth McEwen (Gibson), BSc(HEC), of West Vancouver, in September '03

Guy Kent Morton, MD, of Edmonton, in June '03

John Wesley Stephens, BSc, '44 MD, of Portland, Oregon, in May '03

Georgie M. Williams (Smith), BA, of Sidney, B.C., in September '03

'40 David Macpherson Bell, BA, '43 MD, of Victoria, in October '03

Ian McLaren Cook, BSc, of Calgary, in January '02

'42 Lionel Bradley Pett, MD, of Ottawa, in September '03

'44 Ruth Lee Clarke (Ballard), BEd, of Saskatoon, in August '03

'45 Alfred Franklin Davies, BSc, of Toronto, in July '03

John Frank Fryer, BSc, '60 MSc, of Edmonton, in October '03

'46 Isabel Muriel McConnell, Dip(Nu), of Edmonton, in August '03

Delbert Lyman Steed, BSc(Ag), of Cardston, Alberta, in April '03

Orville Edward Taylor, Dip(Pharm), of Leduc, Alberta, in June '03

'48 Maria Castelli, BSc(HEC), of Calgary, in August '03

Lloyd Frederick Sills, BEd, '52 BSc, of Edmonton, in August '03

Pauline Edith Stearne (Arnett), BEd, of Calgary, in September '03

Grace Alice Williams (Pettifor), Dip(Nu), '49 BSc(Nu), of North Vancouver, in September '03

'49 Leonard James Burton, BSc (Ag), of Turner Valley, Alberta, in September '03

Vernon Glen Johnson, BSc(Eng), of Verdun, Quebec, in May '03

Orran Matson, BSc(Ag), '50 BEd, '64 MEd, in March '02

J. Gordon McLaws, BCom, of Victoria, in July '03

James Ernest John Thomson, BSc(Ag), of Calgary, in October '03

'50 Arthur Kingsley Dean, BEd, of Edmonton, in August '03

Jonathan Granik, BA, of Scarborough, Ontario, in October '03

John Ernest Milner, BEd, of Edmonton, in October '03

Allan Gordon Norem, BSc(Eng), of Oceanside, California, in July '03

Tron Peter Nyhus, BSc, '52 MD, of Penticton, B.C., in July '03

Lois Kathleen Smith, BSc (Ag), of Ottawa, in March '03

Mary I. Wood, BSc(Pharm), of Vancouver, in May '03

'51 Walter John Siwak, MD, of Camrose, Alberta, in August '03

'52 Raymond Cecil Anderson, BA, '57 LLB, of Burnaby, B.C., in October '03

Nicholas Julian Chamchuk, BEd, '67 MEd, of Edmonton, in September '03

Mary Isobel Maier, Dip(Nu), of Calgary, in August '03

'53 Jean Evelyn Close (Mundi), Dip(Ed), '54 Dip(Ed), in October '03

Brian Holford Cummins, BA, of Edmonton, in August '03

'54 Marie-Louise Brugeyroux, BEd, '66 Dip(Ed), of Calgary, in June '03

Frances A. Knoll, BA, of Toronto, in July '03

'55 Rita Helen McGreer (Linke), BSc(HEC), of Delta, B.C., in October '03

Pearl Stewart (Koroluk), Dip(Nu), of Edmonton, in October '03

'56 James Daniel Banting, PhD, of Victoria, in June '03

Ronald William Sheppard, BEd, '63 BA, of Edmonton, in September '03

Olive Sproul (Salamandick), BSc(Pharm), of Mahone Bay, Nova Scotia, in July '03

'57 Harry Johnstone Noble, BA, of Ponoka, Alberta, in August '03

Mary Emma Schwarz, BEd, of Calgary, in October '03

'58 Harry L. Dodge, BEd, of Canton, Ohio, in May '03

'59 Lowell Michael Hengel, BSc, '61 MD, of Cranbrook, B.C., in June '03

'60 Harry R. Densmore, BEd, of North Saanich, B.C., in March '03

Leslie Marshall Dushinski, MD, of Edmonton, in August '03

'61 John Lawrence Charles Lyndon, LLB, of Caledon East, Ontario, in August '03

'62 Charles James Richardson, BCom, of Fredericton, New Brunswick, in October '03

'64 Theodore Basil Farion, BSc, '68 BEd, of Spruce Grove, Alberta, in June '03

'65 Anthony Yiu Hung Chan, BSc(Eng), '69 MSc, of Victoria, in May '03

'66 Hanns Guenther Jahn, BSc (Ag), '71 MSc, of Edmonton, in August '03

'68 Phyllis Rosemary Koehn, BEd, of Sherwood Park, Alberta, in October '03

Paul Bill Kovach, BCom, of Calgary, in August '03

Steve W. Shewchuk, BEd, of Grande Prairie, Alberta, in September '03

'69 Dick Johnston, MBA, of Edmonton, in June '03

Dianne Jo-Ann Ortynsky, Dip(Nu), '85 BSc(Nu), of Edmonton, in June '03

'71 Clair W. Weatherill, BEd, of Wainwright, Alberta, in July '03

'73 Annelise Larsen, BSc(Nu), of Edmonton, in June '03

Ronald Whistance-Smith, MSc, of Edmonton, in September '03

'76 David John Gifford, BSc, '80 PhD, of Edmonton, in August '03

Edna Loveridge, BEd, of Edmonton, in September '03

'77 Barbara Phyllis Houston, BSc, '87 MEd, of Edmonton, in October '03

'78 Harold Melbourne Elliott, Dip(RehabMed), '81 BSc(OT), of Saint John, New Brunswick, in September '03

'79 Carole Rae Fennell, BEd, of Calgary, in July '03

'92 Alan Brady Graham, BSc, of Edmonton, in October '03

'95 Rhonda Forwick, BSc(Nu), of Edmonton, in September '03

Shane Preston Rivet, BA(NativeSt), of Edmonton, in June '03



## Leading the charge

*Hard at work for the good of his alma mater*

by Tony Kryzanowski



### ABOUT

#### JIM EDWARDS

**Favourite author:** Currently, it is Alan Furst, who writes historical espionage novels.

**Favourite pastime:** Hiking and photography. Edwards has set a goal of hiking the entire TransCanada Trail, which is 16,000 km long. This year, he hiked 300 km of the trail.

**Favourite movie:** *Dr. Zhivago*.

**Personal heroes:** His father, Donald Stewart Edwards; Founder of CFRN, Dick Rice; retired federal MP Don Mazankowski; and former Alberta premier Peter Lougheed.

When the game is on the line, there are some players who want the ball and others who would rather sit on the sidelines.

"Put me in, coach."

That's what the chair of the University of Alberta Board of Governors, **Jim Edwards**, '62 BA, said when he was offered the three-year appointment by the provincial government.

Edwards says he was attracted to the job for several reasons: a great love for the institution as an alumnus of the U of A (having graduated with a history degree), the quality of people on the highly diverse, 20-member board, and the depth of the issues with which the board is currently dealing.

Topping the list of issues is a review of provincial core funding, trying to develop a vision of what kind of institution the University should be, deciding how the burden of financing the institution should be divided up, and building a consensus on how growth should occur.

"I like good issues," says Edwards, "and these are fundamental issues that we are dealing with."

Edwards showed his desire to lead when, while serving as a Member of Parliament, he made a bid for the Office of Prime Minister in 1993. He also served as president of the Treasury Board, back in the days when the Progressive Conservative Party was a powerful force in federal politics.

Edwards plunged into politics after working for 20 years at CFRN Broadcasting. He was responsible for establishing Edmonton's first FM stereo station, and during his tenure there, he rose to the position of manager of the radio division and was also elected president of the Western Association of Broadcasters.

In 1984, he was elected as a Conservative MP, serving in federal government for nine years and chairing five key Commons Committees. Among his many accomplishments was helping rewrite Canada's cultural policy, including new broadcasting and copyright laws.

After leaving politics in 1994, he led a group of Indo-Canadian investors in developing a private sector life insurance venture in India, before he joined Economic Development Edmonton in early 1998 for a four-year term as president and CEO.

With his diverse background, Edwards brings a wealth of experience to the job as chair of the board of governors, and he has a clear understanding of just what he expects from each board member.

"The rule that I put forward, and I think is generally respected, is that you are on the board not to advocate for your own particular interest group," says Edwards, "but rather to govern for the good of the University."

Edwards says he was lucky that a strong foundation was built below the board prior to his arrival, so that the board can now deal with broader, medium to long-term issues. For example, the turbulent faculty renewal and recruiting of new deans that happened in the 1990s, has been completed, as has the establishment of an entirely new University administration team. Board committees have

also been empowered to deal with complex issues and make substantial decisions, so that once an issue reaches the board level, many of the points of contention have already been thrashed out at the earlier committee level.

**"You are on the board  
... to govern for the good  
of the University."**

The job of board chair has allowed Edwards to reconnect with his family roots at the University. Also, networking with a variety of University personnel has yielded some golden nuggets of information that have helped him fill gaps in his ongoing personal project of writing his family history.

"I find that I'm telling stories about family history to our grandchildren," says Edwards. "I just decided to make it a project, to research it, to fill in the blanks that I don't have knowledge of, and to get the project done over the next two to three years."

With the help of Ellen Schoeck, director of the University Secretariat, his research has already yielded a couple of surprises, including an old plaque made from the wood of a shelled French Chateau with the Princess Patricia Regiment's coat of arms on it, as well as the signatures of members of the University battalion. One of those signatures is Edwards' father's, who signed the plaque at the age of 19.

Another discovery was a photograph showing the attendees of the University's first convocation in 1908. His grandfather is in the photo. He has since found a copy of the original program from the first convocation in his family's collection, and has donated it to the University archives.

With the federal conservatives now working harder to get along, one wonders if Edwards would ever consider jumping back into federal politics. While he has had conversations with people regarding the "Unite the Right" movement, Edwards has personally, "absolutely ruled out politics from my life." ■



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To obtain a nomination form, visit the Alumni Association Website at [www.ualberta.ca/alumni](http://www.ualberta.ca/alumni) or contact the Office of Alumni Affairs at (780) 492-3224, 1-800-661-2593 (toll-free in North America), or e-mail [jlitwin@ualberta.ca](mailto:jlitwin@ualberta.ca).

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Celebrates the specific, recent accomplishments of University of Alberta alumni (in the last 12 months prior to the nomination deadline in March). These accomplishments may take the form of a major award, a national or an international honour, winning a major championship, or being appointed to a high office, etc.

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President Fraser with Todd Babiak



Award recipients congratulate Dr. Anthony Fields



Ceremonial Piper Roger Stephens



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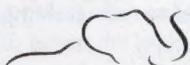
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